Multi-host Internet Access Portal (MIAP) Enhancement Guide version 12.0

March 2015
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MIAP RWeb 12: New Features & Functions

For detailed descriptions of features & functions, please see the **MIAP Manual**

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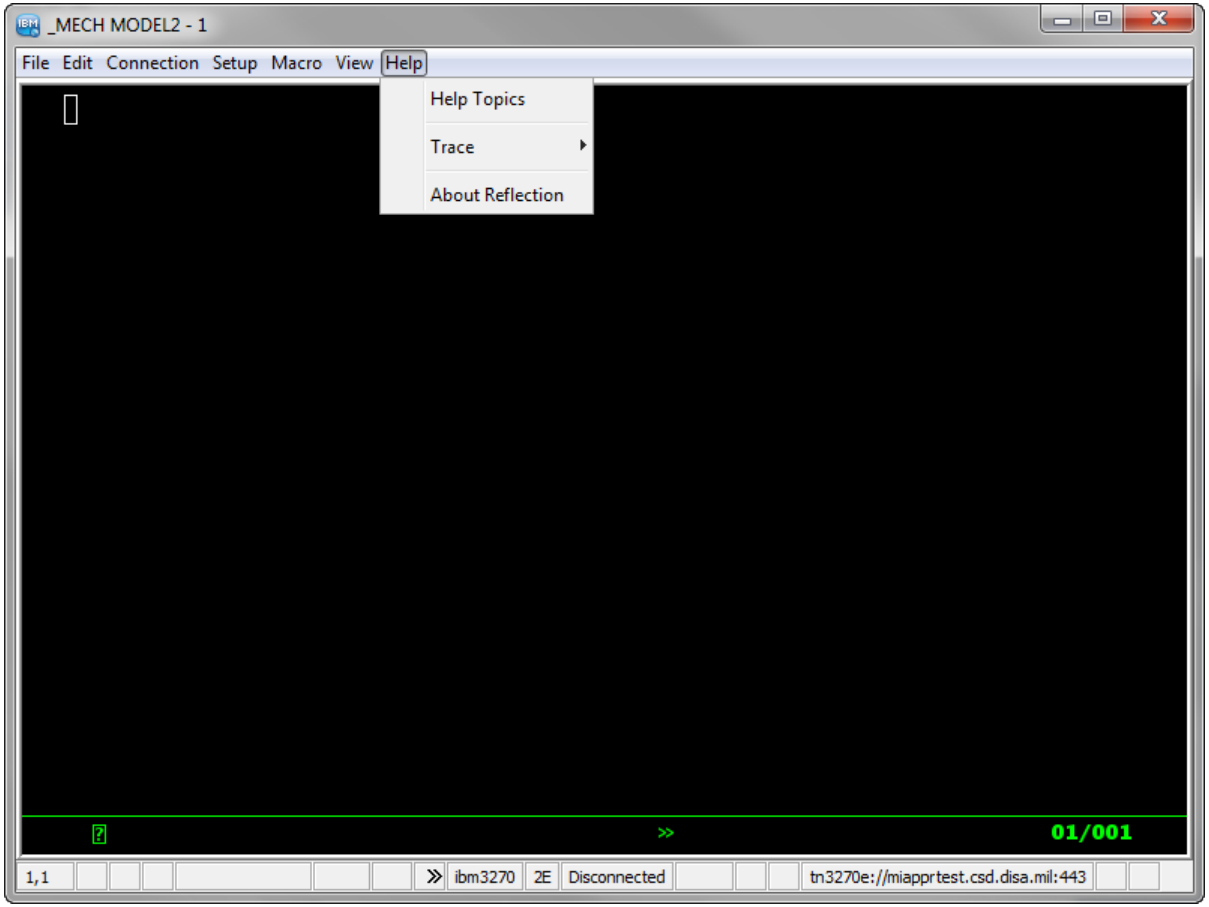
Introduction

The following are some of the major changes from RWeb 10 to RWeb 12:

- Toolbar has new options available including customized icons.
- Macros can now be edited and enhanced with the Macro Editor.
- Keyboard Mapping has new options available.
- Button Palette has new options available.
- Print prompt will popup if the printer ID has not previously been input and option is available to display the printer ID on the bottom of your screen.
- Unisys now has a popup prompt for entering your terminal ID, if it has not been previously entered. Also, a new field to display your terminal ID in the status line.
- Telnet has a new field to display your terminal ID in the status line.
- VT320 has new layout and additional options.
- FTP has a new layout including updated icons, additional toolbar dropdown options and the ability to change the toolbar display. Other screen updates include:
  - Connections Setup screen has new options
  - FTP Setup Transfer screen has been reorganized
  - New FTP transfer menu
  - New FTP Transfer Request feature.
- IND$File menu and screens have been reorganized.

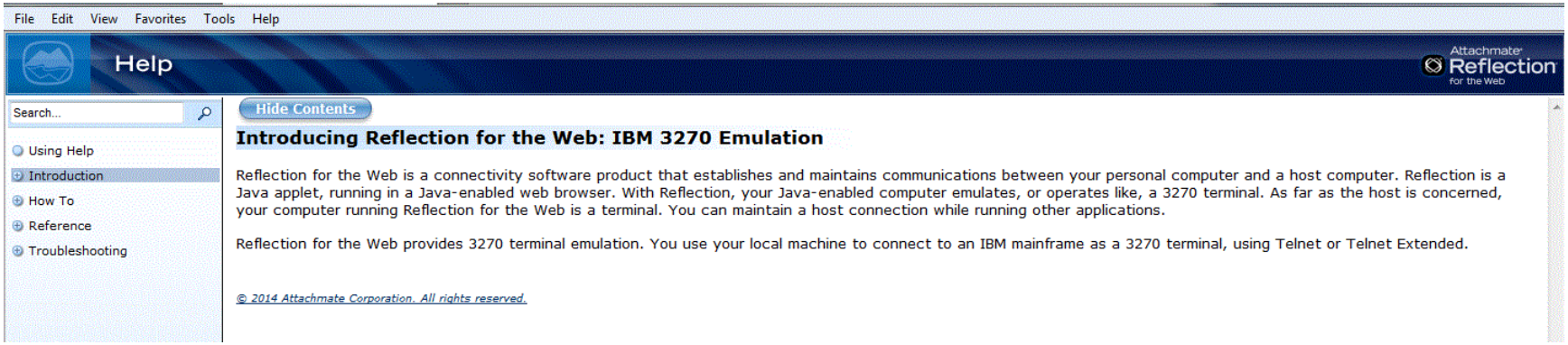
Help

For additional help please refer to the help section. Select ‘Help’ from the Menu bar then ‘Help Topics.’



Help

Within the help window a search bar can be used to search various topics or you can scroll through the available topics.


File Edit View Favorites Tools Help
Help
Attachmate Reflection for the Web
Search...
Hide Contents
Using Help
Introduction
How To
Reference
Troubleshooting
Introducing Reflection for the Web: IBM 3270 Emulation
Reflection for the Web is a connectivity software product that establishes and maintains communications between your personal computer and a host computer. Reflection is a Java applet, running in a Java-enabled web browser. With Reflection, your Java-enabled computer emulates, or operates like, a 3270 terminal. As far as the host is concerned, your computer running Reflection for the Web is a terminal. You can maintain a host connection while running other applications.
Reflection for the Web provides 3270 terminal emulation. You use your local machine to connect to an IBM mainframe as a 3270 terminal, using Telnet or Telnet Extended.
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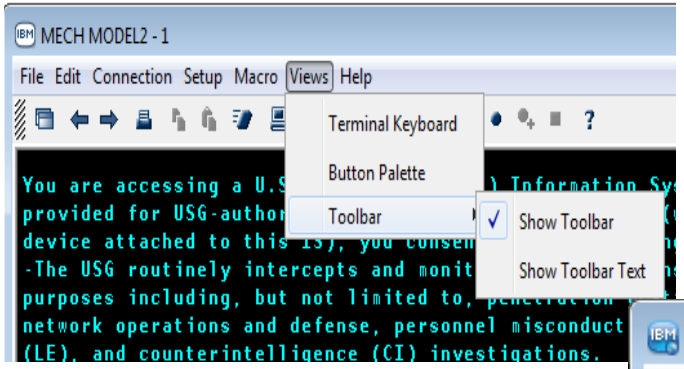
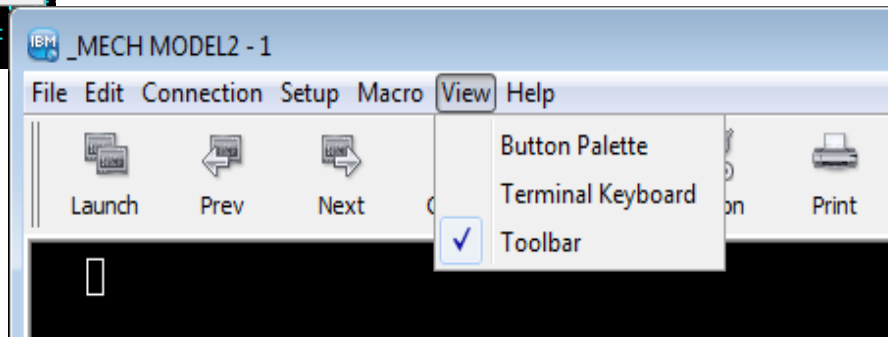
Toolbar : Toolbar Functionality

The toolbar viewing functionality has been modified in RWeb 12.0 Previously the **Show Toolbar** and **Show Toolbar Text** were the available options, under **Views**. In RWeb 12.0, under **View**, the Toolbar can be turned on for viewing , by clicking on **Toolbar** and it will be checked. Clicking on **Toolbar** again will turnoff (uncheck) viewing the toolbar.


MECH MODEL2 - 1
File Edit Connection Setup Macro Views Help
Terminal Keyboard
Button Palette
Toolbar
Show Toolbar
Show Toolbar Text
You are accessing a U.S
provided for USG-author
device attached to this IS), you consen
-The USG routinely intercepts and monit
purposes including, but not limited to,
network operations and defense, personnel misconduct
(LE), and counterintelligence (CI) investigations.

RWeb 10.2

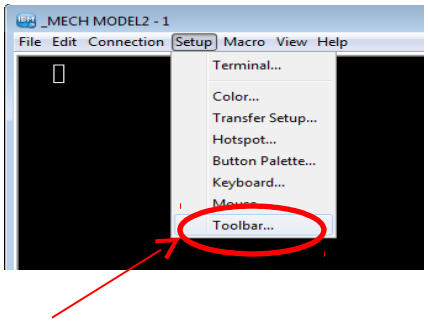


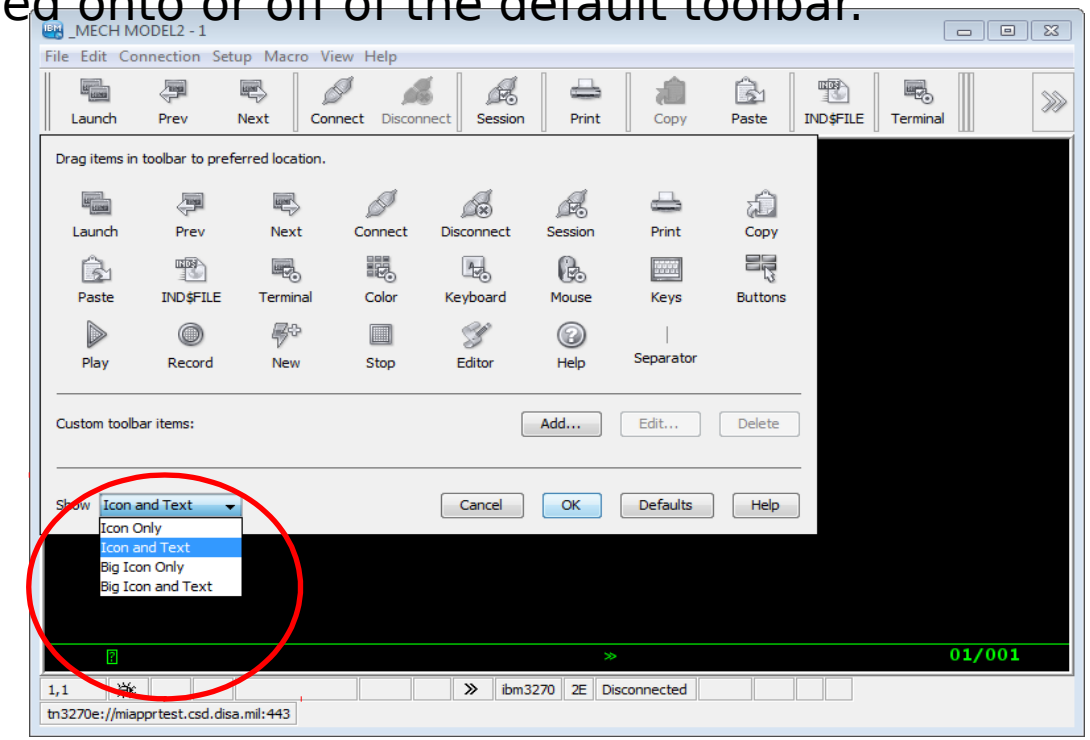
RWeb 12.0

Toolbar: Toolbar Functionality

In RWeb 12.0 additional toolbar functionality is available. Select **Setup**, then **Toolbar**. On the bottom right of the screen that is displayed, the Show dropdown allows icon and text options, in addition to larger (Big) icon choices.

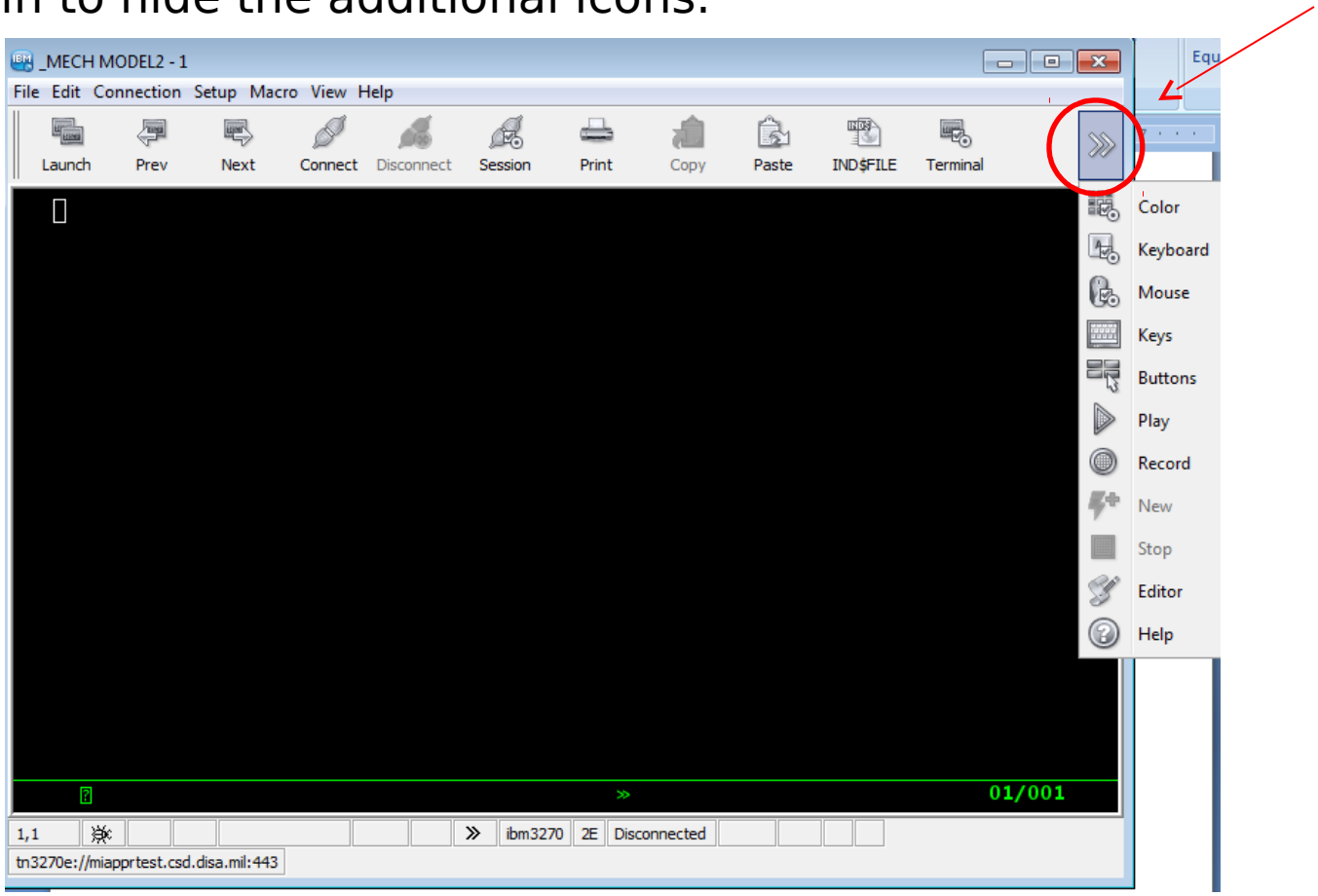
Items can be dragged onto or off of the default toolbar.




_MECH MODEL2 - 1
File Edit Connection Setup Macro View Help
Launch Prev Next Connect Disconnect Session Print Copy Paste IND$FILE Terminal
Drag items in toolbar to preferred location.
Launch Prev Next Connect Disconnect Session Print Copy
Paste IND$FILE Terminal Color Keyboard Mouse Keys Buttons
Play Record New Stop Editor Help Separator
Custom toolbar items:
Add... Edit... Delete
Show Icon and Text
Icon Only
Icon and Text
Big Icon Only
Big Icon and Text
Cancel OK Defaults Help
01/001
1,1
ibm3270 2E Disconnected
tn3270e://miapprtest.csd.disa.mil:443

Toolbar: Toolbar Functionality

If there are more icons than can fit across the top of the screen, click on the **>>** in the top right corner to display the additional icons down the right hand side of the screen. Click it again to hide the additional icons.



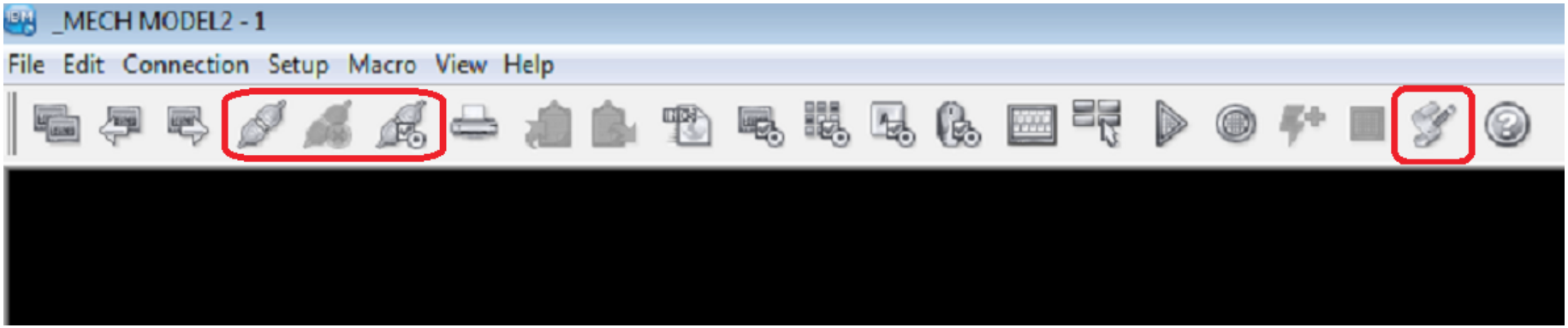
Toolbar: New Options

Connect to Host

Disconnect from Host

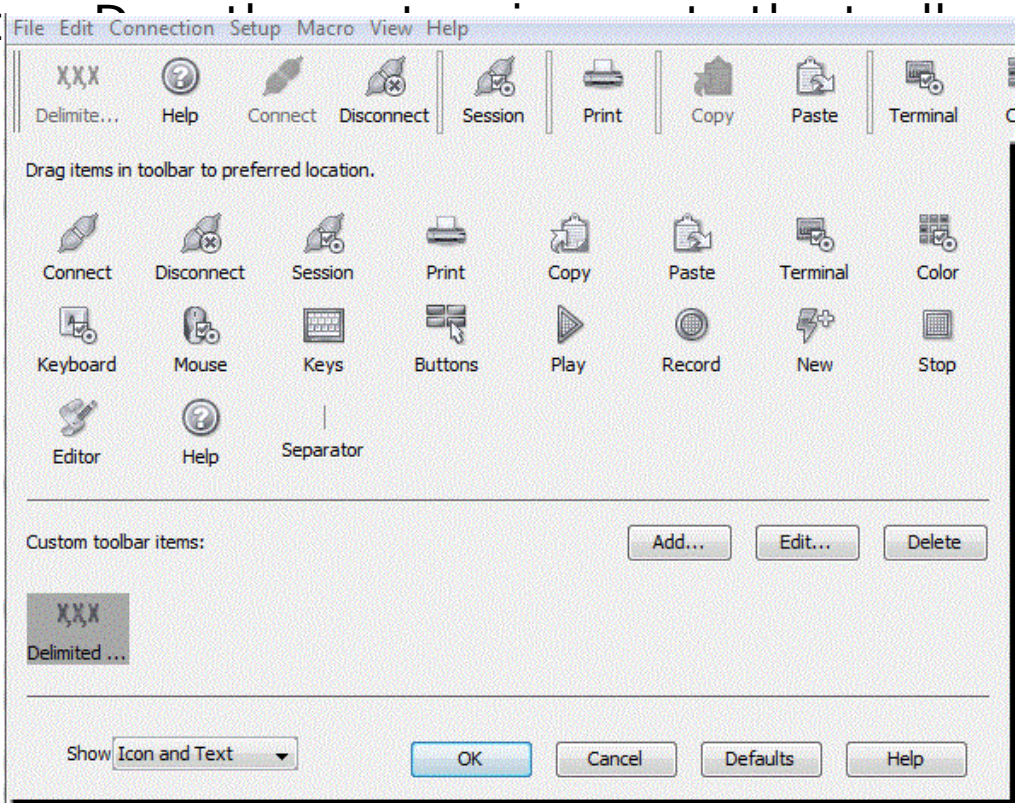
Configure Session Settings

New Macro Editor Window



Toolbar: Custom Icons

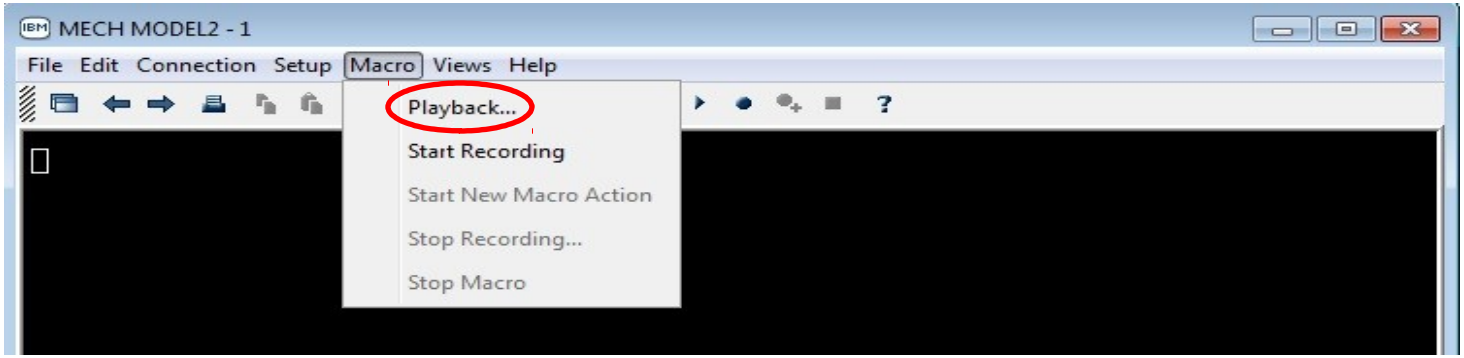
You can create a custom toolbar icon and associate it with an action, then add it to the toolbar. From the session menu select **Setup** then **Toolbar**. Click **Add** to open the Define Toolbar Item dialog box. Click **Edit** to change an existing custom toolbar button. Click **Delete** to remove the custom toolbar butt to display.



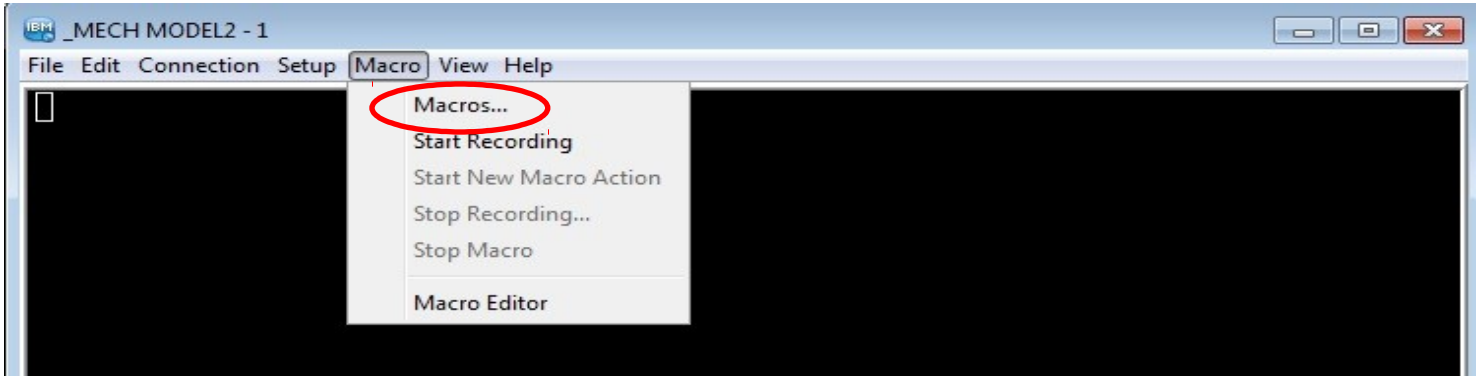
Macros

A macro is a series of keyboard actions that can be recorded and then run while using Reflection for the Web (RWeb). In previous versions of Web the Macros option was named Playback. Select Macros and the Macro box will appear.

RWeb 10.2



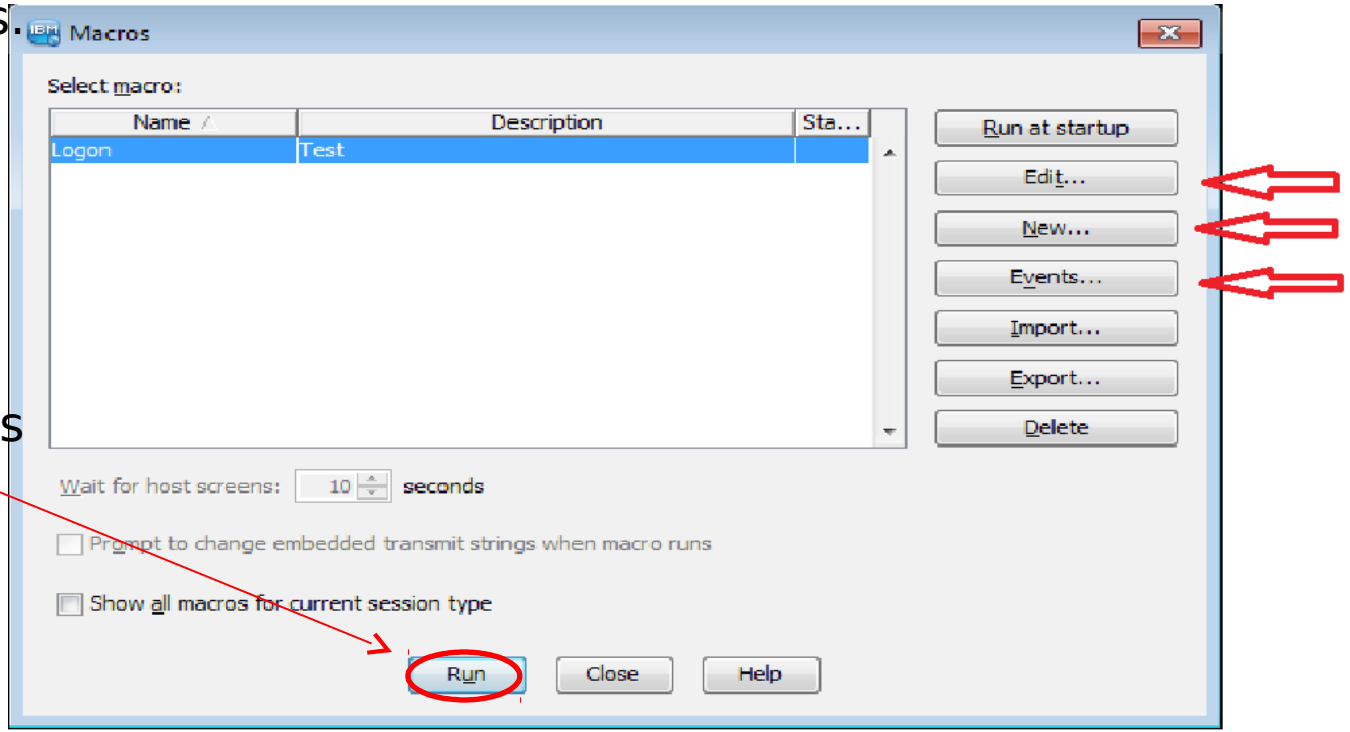
RWeb 12



Macros: New Options

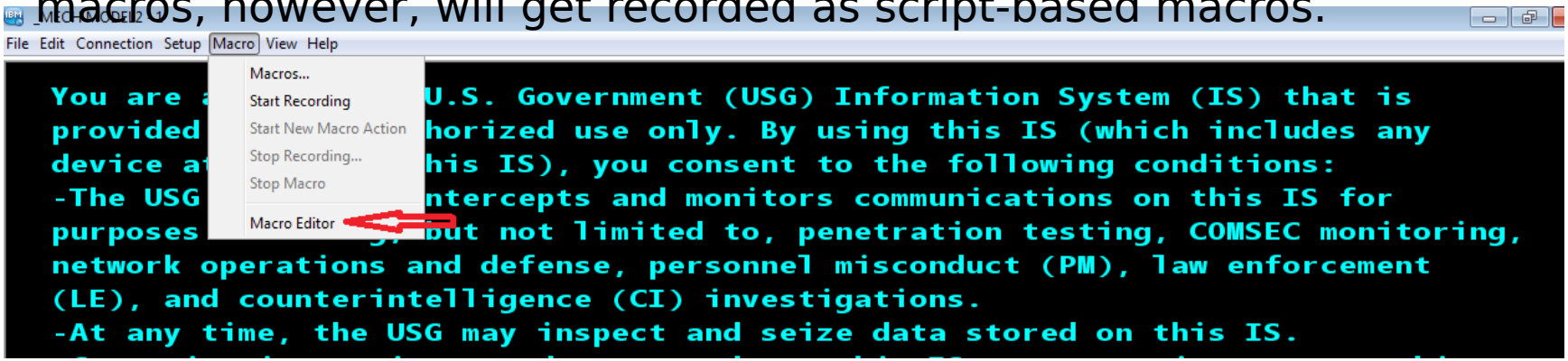
- **Edit** - After you've finished recording your macro and saved it, you can edit and enhance it using the Macro Editor. See next slide for example.
- **New** – Allows you to create a new macro from scratch.
- **Events** - Allows you to assign a macro to be run when a connect event or a disconnect event occurs in the terminal session. This option is only available if there are existing macros.

This option was called Play in previous versions of RWeb.



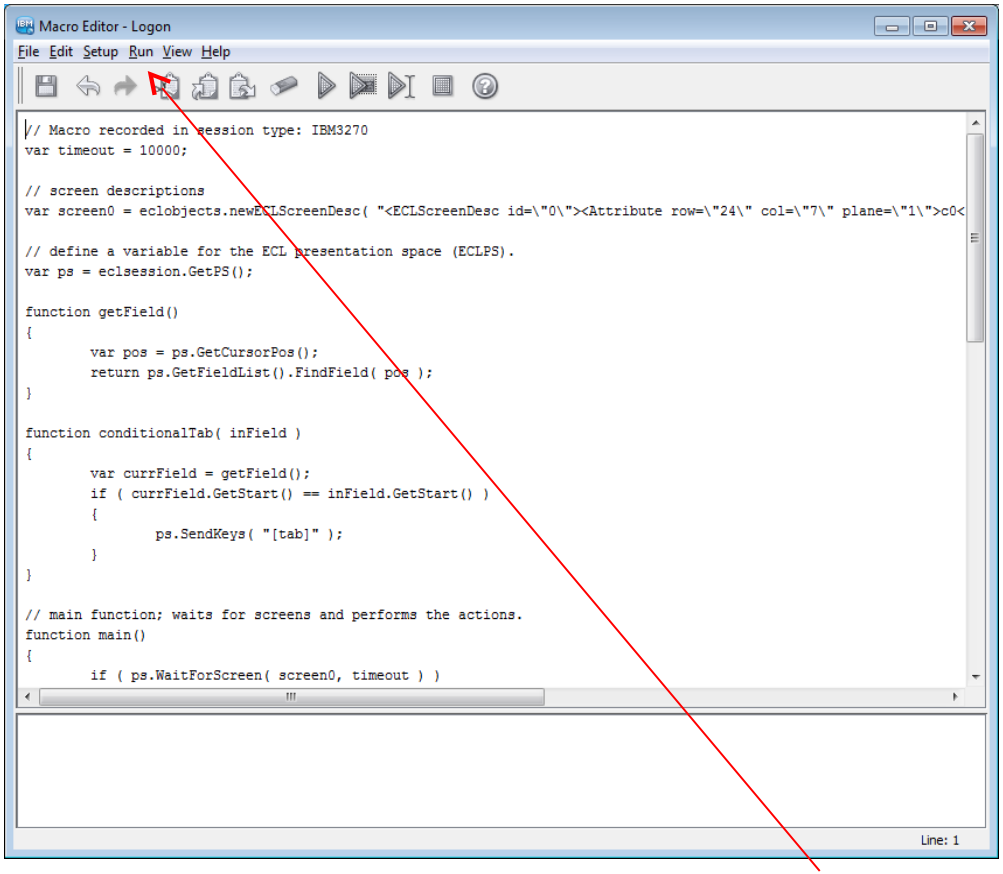
Macros

Macro Editor – This is a new feature which records and saves macros as JavaScript, making it easy to edit and enhance your recorded macros. With the Macro Editor, you can also create macros from scratch to perform complex tasks that the recorder cannot capture. Versions prior to Reflection for the Web 2011 supported only XML-based macros, which could be recorded and run, but not edited. If you have Reflection XML-based macros, they will continue to run as they did before and they will remain as XML-based macros; no conversion to JavaScript is necessary. New macros, however, will get recorded as script-based macros.


File Edit Connection Setup Macro View Help
Macros...
Start Recording
Start New Macro Action
Stop Recording...
Stop Macro
Macro Editor
You are a
U.S. Government (USG) Information System (IS) that is
provided
horized use only. By using this IS (which includes any
device at
his IS), you consent to the following conditions:
-The USG
ntercepts and monitors communications on this IS for
purposes
but not limited to, penetration testing, COMSEC monitoring,
network operations and defense, personnel misconduct (PM), law enforcement
(LE), and counterintelligence (CI) investigations.
-At any time, the USG may inspect and seize data stored on this IS.

Macros

Macro Editor



Note: If the script has errors, it will not run. The run button provides the capability of testing the script.

Keyboard Mapping: Mapping a Macro

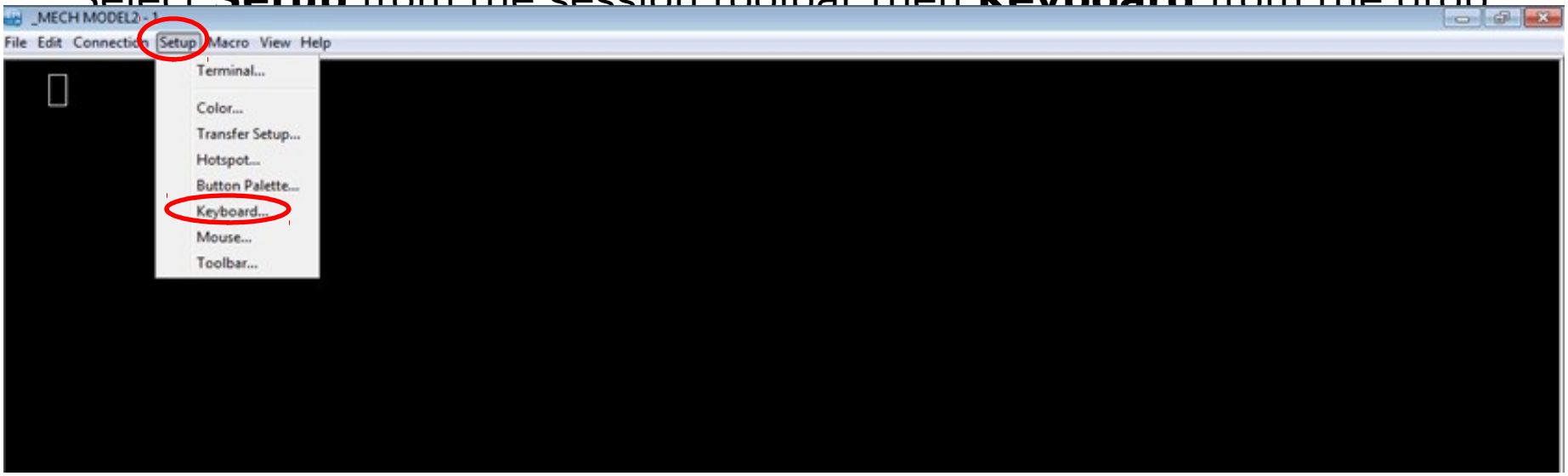
The Keyboard Setup dialog box can be used to update the keyboard mapping for

Reflection. Keyboard mapping is the association of keys or key combinations on your

keyboard (the "trigger") with particular actions. A new option available is mapping

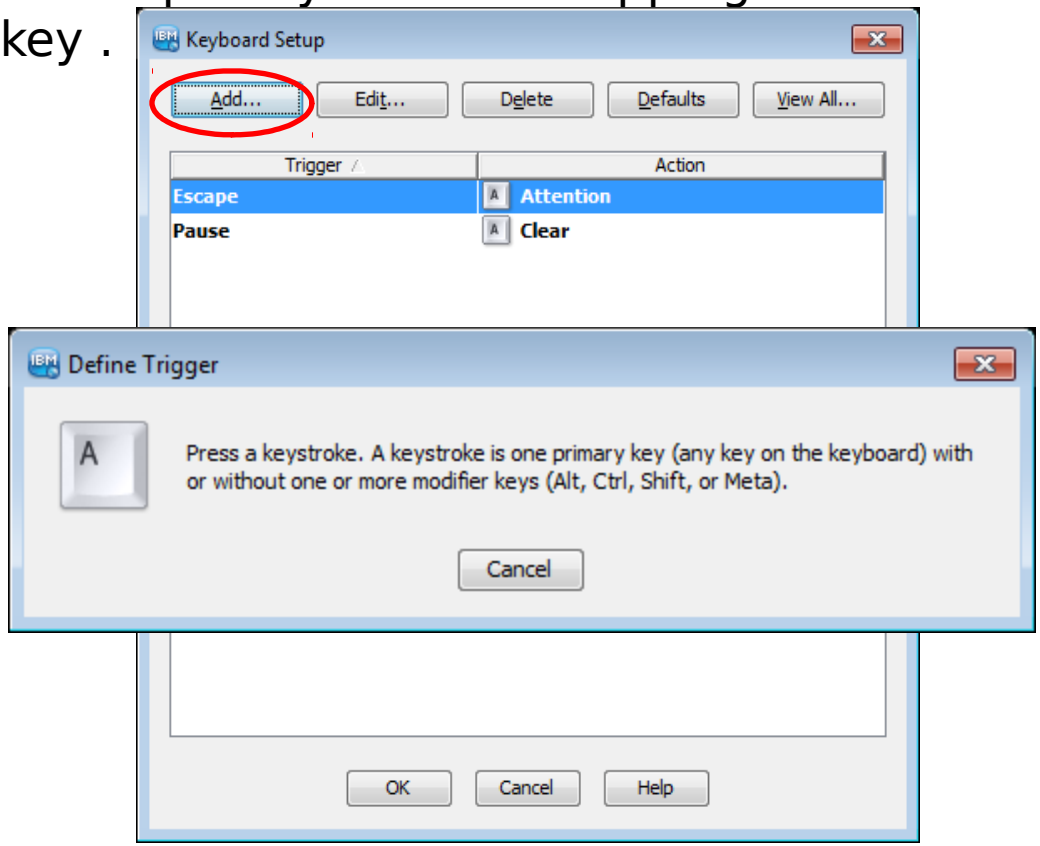
a macro. To map a macro do the following:

Select **Setup** from the session toolbar then **Keyboard** from the drop



Keyboard Mapping: Mapping a Macro

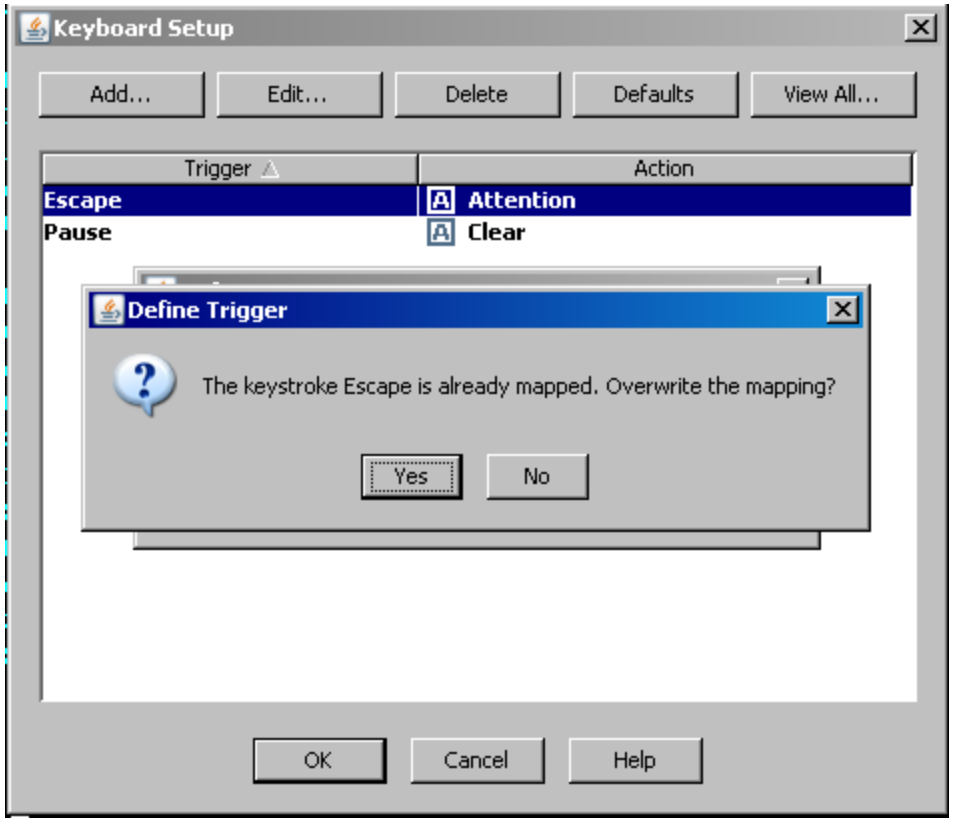
Select **Add** and the Define Trigger box will appear. Press the keystroke that you want to map. For example if you are remapping the ‘esc’ key then press the ‘esc’ key .



Keyboard Mapping: Mapping a Macro

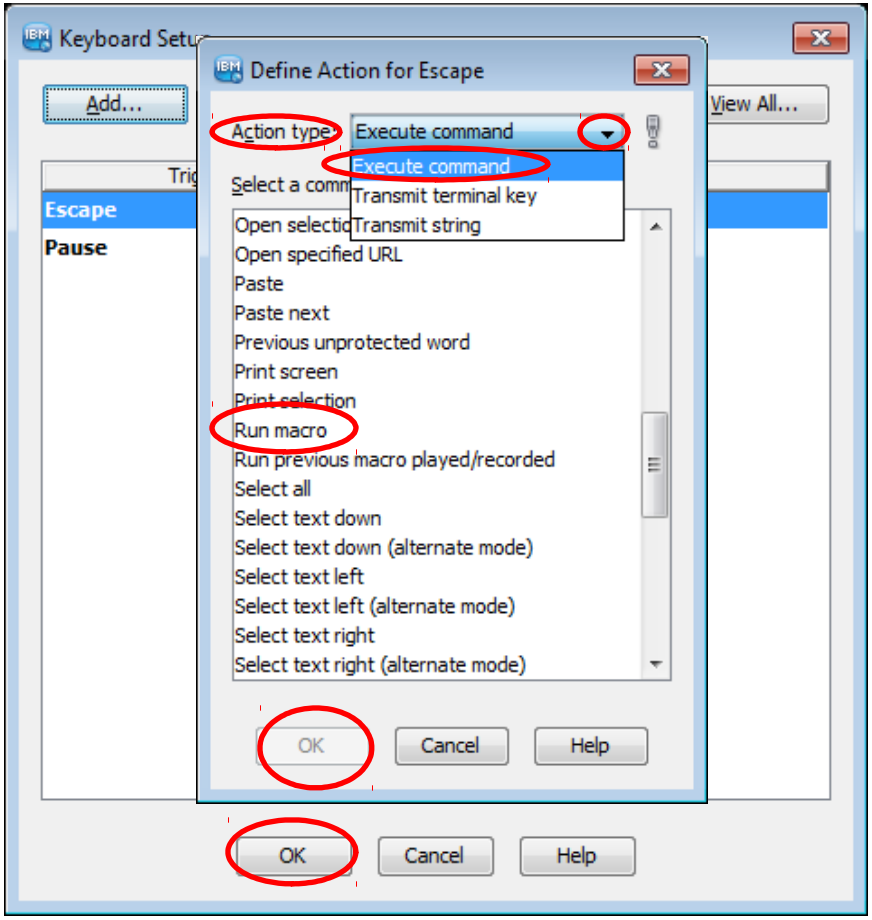
If the key is already mapped you will receive ‘The keystroke Escape is already mapped.

Overwrite the mapping?’ Select yes if you want to overwrite the current mapping.



Keyboard Mapping: Mapping a Macro

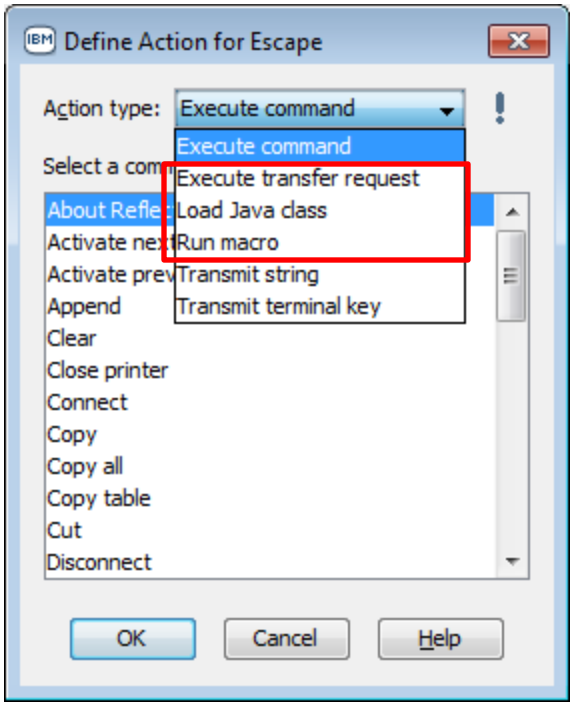
- The Define Action box will appear. To map a macro select **Execute command** in the Action type drop down. Scroll down to find **run macro**. Select **OK** and **OK** again to save the keyboard setup.



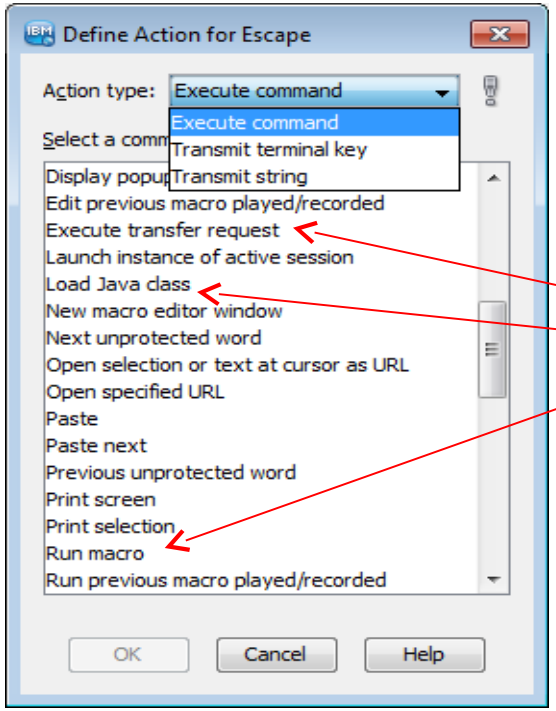
Keyboard Mapping: Mapping a Macro

Execute transfer request, Load java class and Run macro are no longer options within the Action type drop down. They are now available within the Execute command drop down.

RWeb 10.2



RWeb 12



Now located here

Keyboard Mapping: New Options

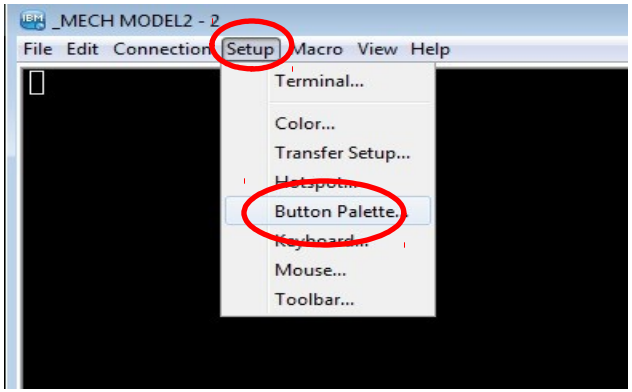
The following are new mapping options available using the Execute Command:

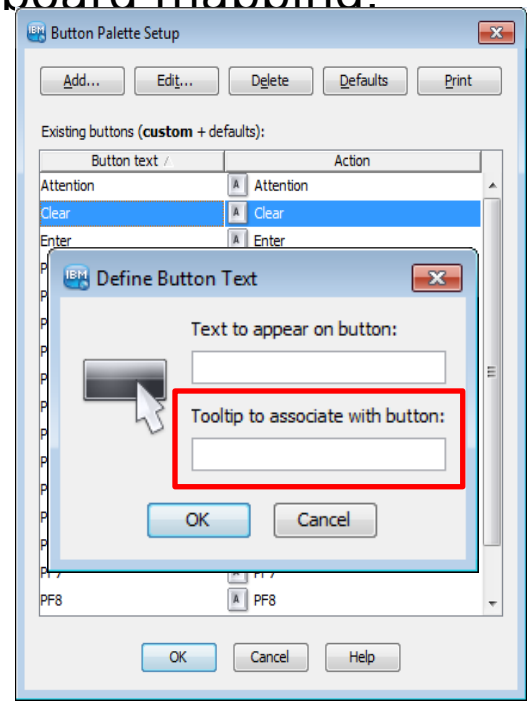
- Configure button palette
- Configure colors
- Configure keyboard mappings
- Display macro popup menu
- Edit previous macro played/recorded
- New macro editor window
- Open specified URL
- Run previous macro played/recorded
- Show IND$FILE transfer window
- Show reflection for the web help
- Show transfer requests
- Start recording a macro
- Stop recording/running macro
- Toggle button palette
- Toggle keyboard palette
- Toggle SO/SI markers

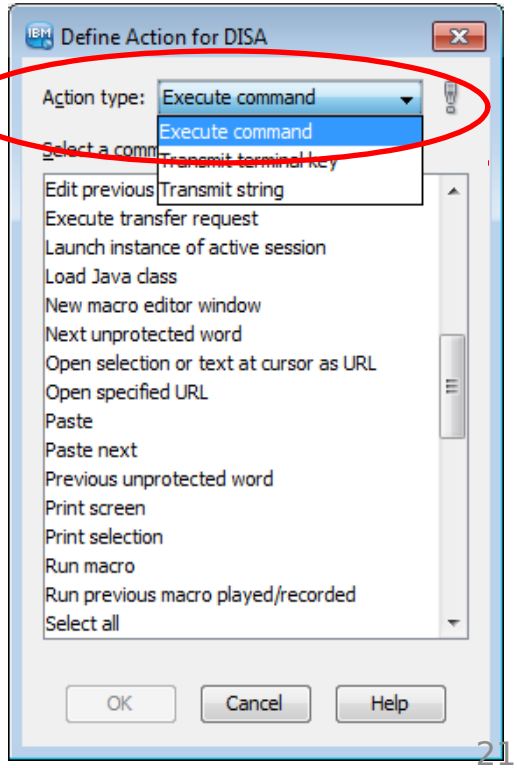
*Note: These options are also available for the Button Palette

Button Palette

The button palette is a set of clickable buttons on a palette that you can use to transmit strings or host functions to the host, or to execute Reflection commands locally. To display the button palette, choose **Setup** then **Button Palette** from the dropdown menu. 'Tooltip to associate with button' is a new field in the Define Button Test box. The Button Palette also has the same new options in the Execute Command field as seen on the previous slide for keyboard mapping.

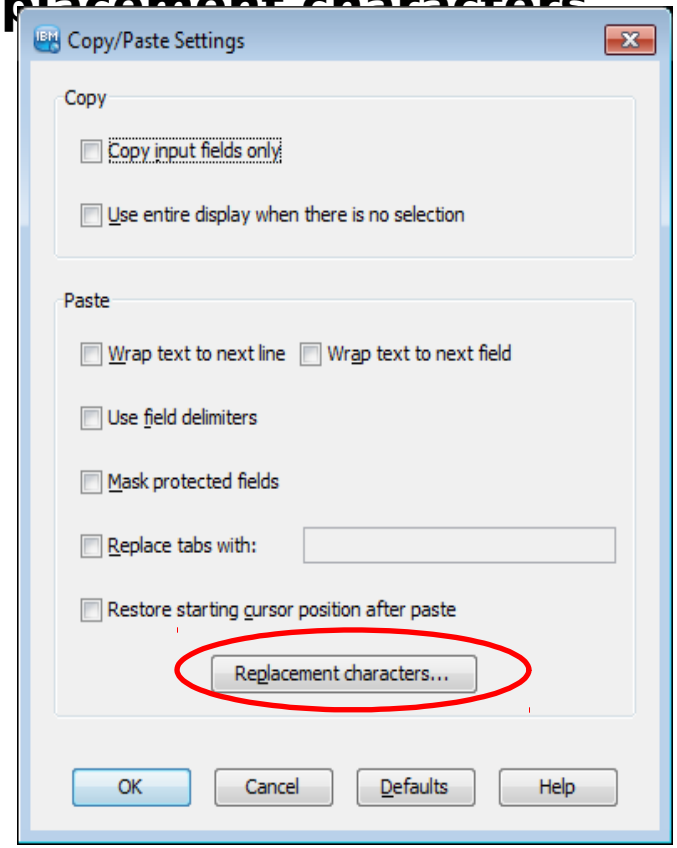






Paste Replacement Characters

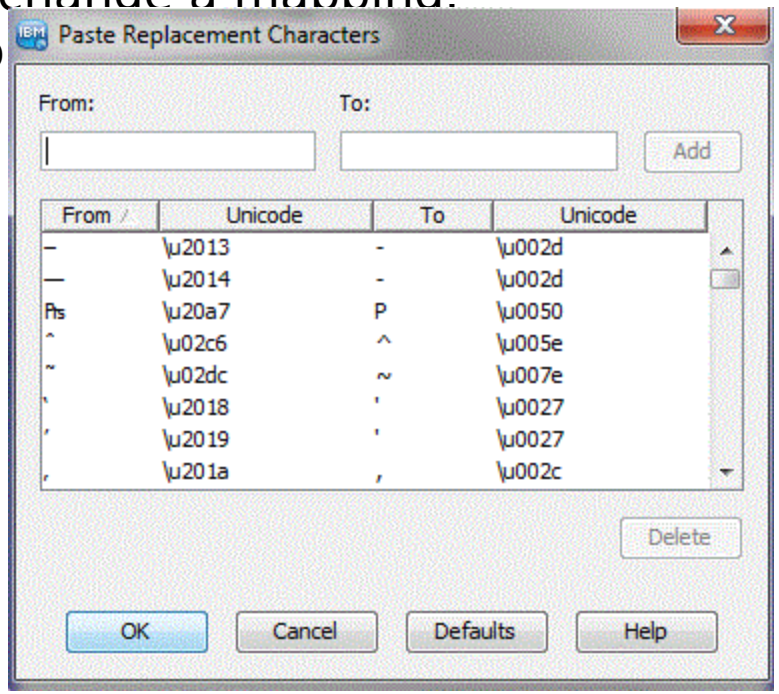
In an IBM 3270 telnet session, if characters are not translated correctly during a paste from an application such as Microsoft Word, use the new Replacement characters feature. Select **Edit** on the toolbar, **Copy/Paste Settings**, from the dropdown, then select **Replacement characters**.



Paste Replacement Characters

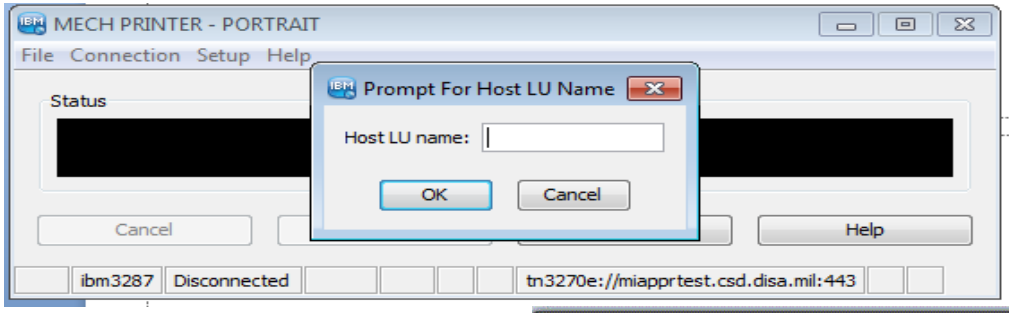
When a pasted character is beyond the range of characters in the IBM 3270 translation table, a question mark (?) is displayed. To force the character that is not being replaced appropriately, assign a different value in this dialog box. Common Unicode characters and their replacements are already provided, but you can add new mappings, delete a mapping, or change a mapping.

Click on Help

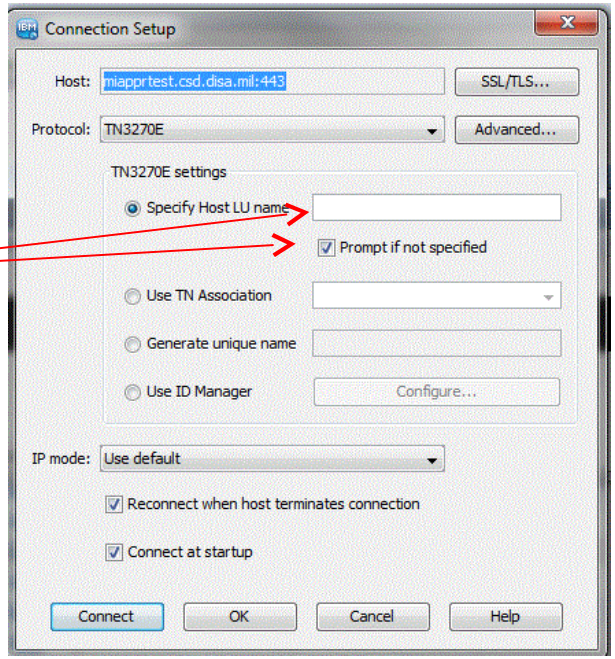


Print

In a TN3270 printer session, prompt for the printer ID (Host LU name) has been modified. The following prompt will popup if the printer ID has not previously been input.

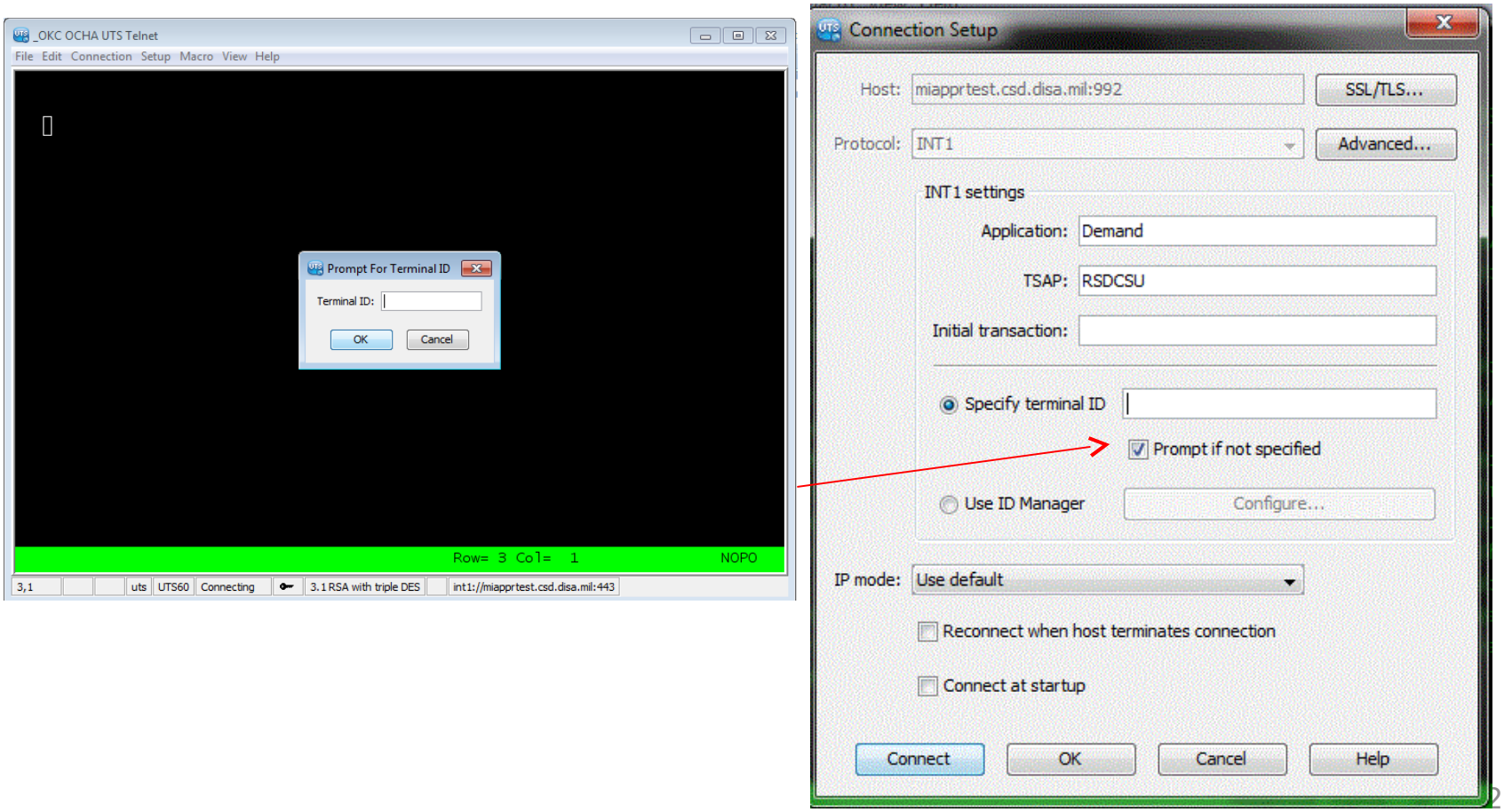


If you would need to correct your printer ID value after it has been entered or if the popup does not appear, select **Connection**, then **Connection Setup** to display a screen with fields to turn on the prompting or to type in a value.



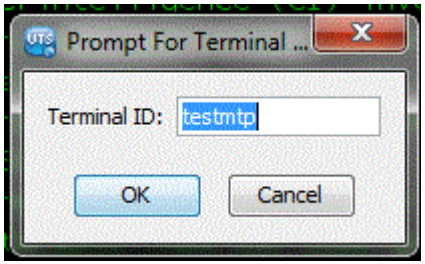
Unisys: Connection Setup

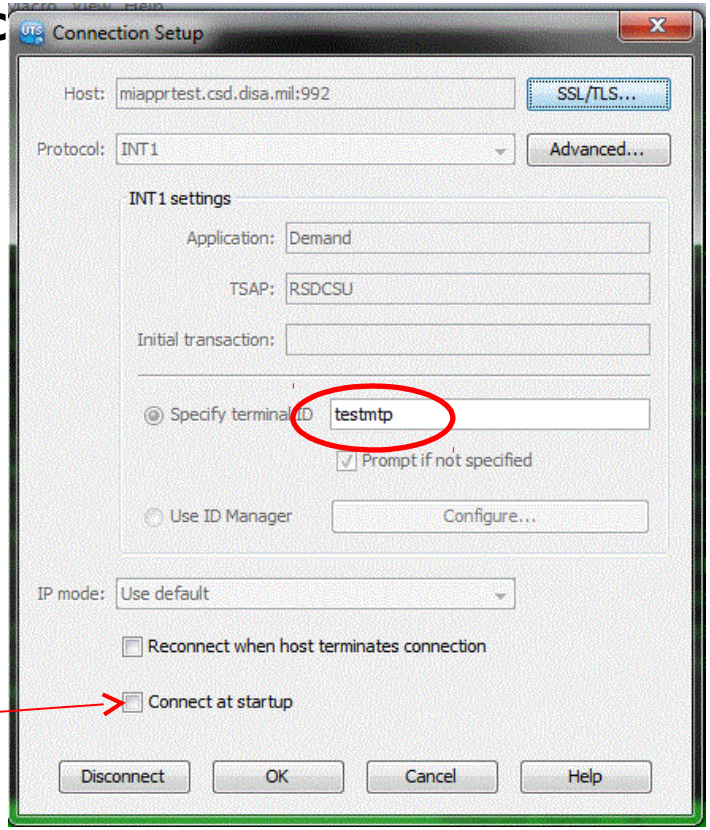
New in Rweb 12, there is now a popup prompt for entering your terminal ID, if it has not been previously entered, as long as the **prompt if not specified** checkbox has been checked on the **Connection Setup** screen.



Unisys: Connection Setup

Once you have entered your terminal ID, it will be automatically filled in on the **Connection Setup** screen **Specify terminal ID** field and saved in your preference file, so that you will not be prompted for it again. If you need to correct your terminal ID, you can do so on the **Connect Setup** screen. After the terminal ID field will be the **Disc** connected, so that the **Specify**

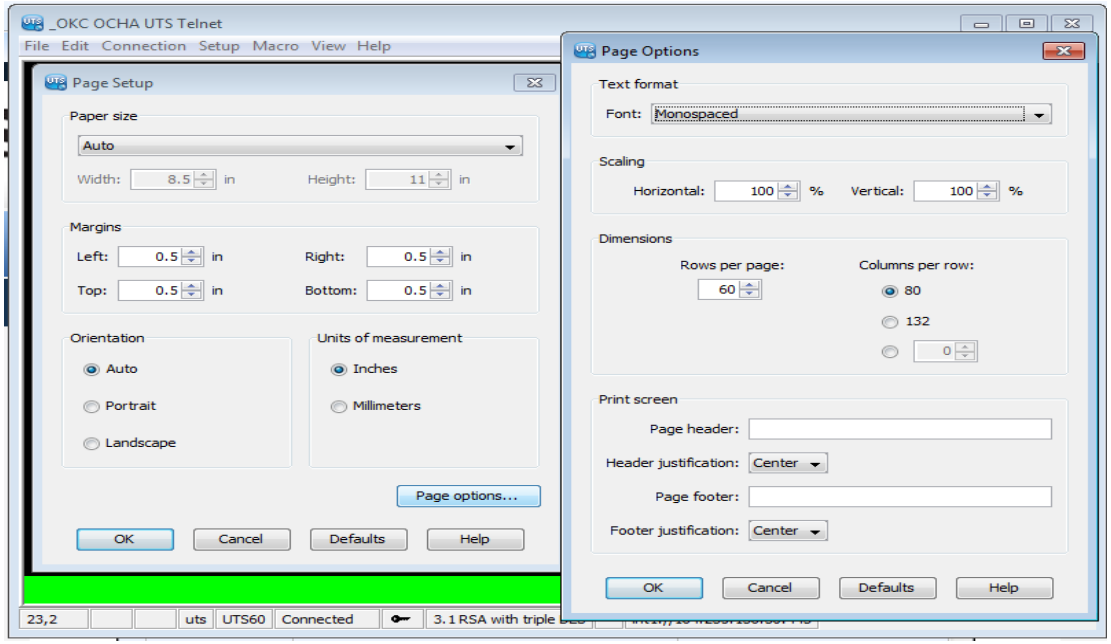




If the **Connect at startup** field is checked, your session will connect automatically when you launch it.

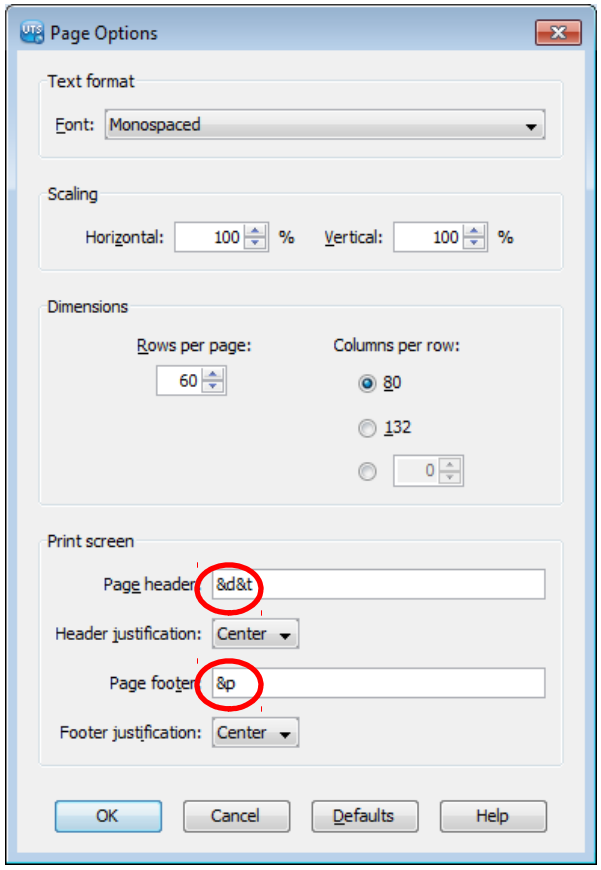
Unisys: Print

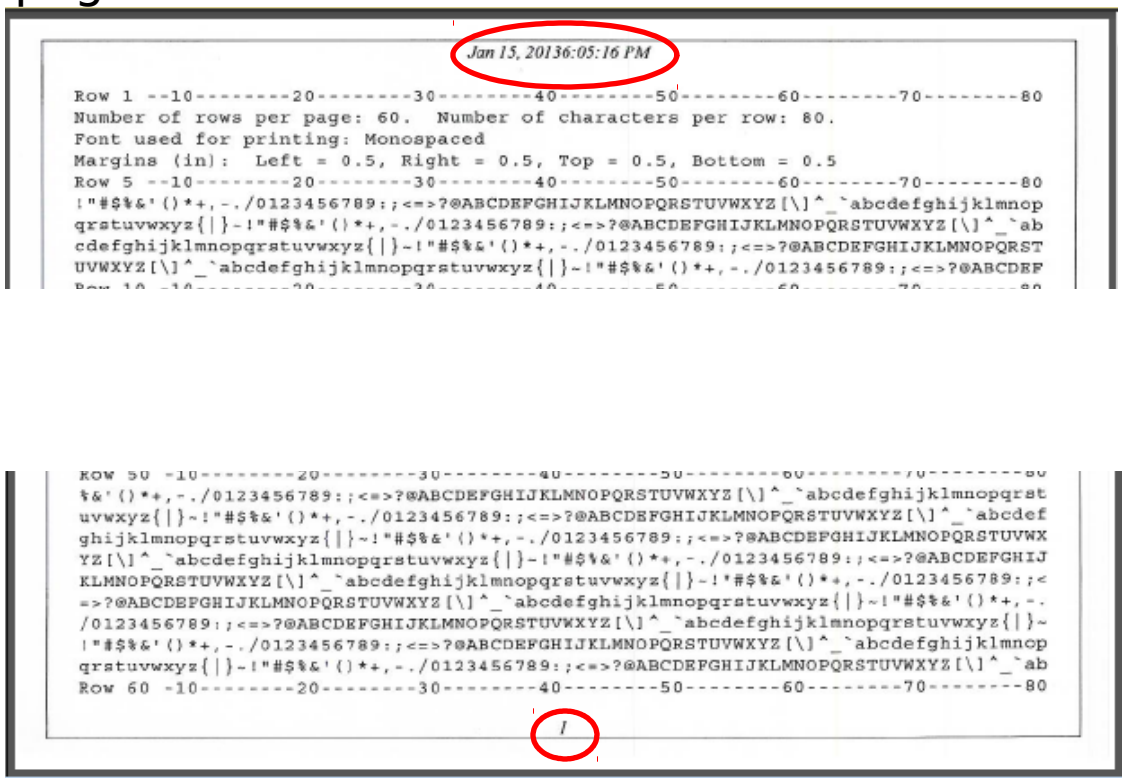
RWeb 12 includes an enhancement that allows variables to be input in as page headers and footers. From a Unisys session, select **File**, **Page Setup**, then the **Page options…** button. Note: Page headers and footers are only used when the print is sent to the printer not went sent to file.



Unisys: Print

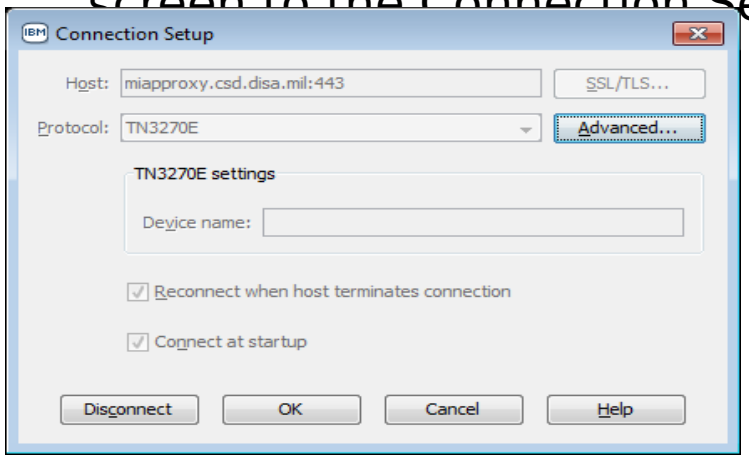
In the below example, **&d&t** in the **Page header** field results in the date and time being printed on the top of each page. **Page footer** of **&p** results in the page number being printed on the bottom of each page.

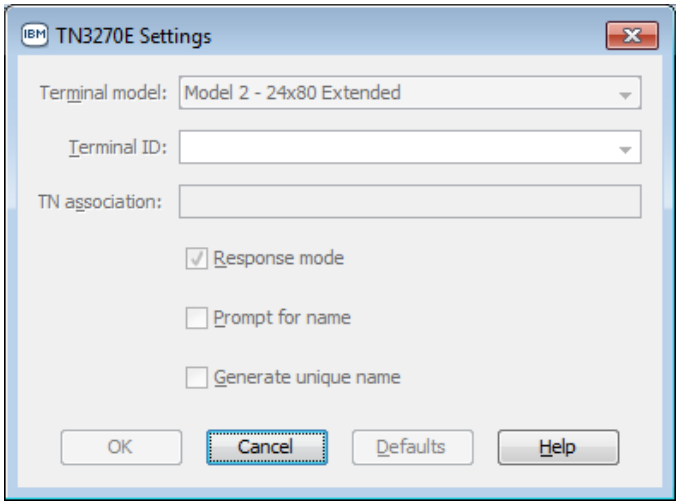



Jan 15, 20136:05:16 PM
Row 1 --10--------20--------30--------40--------50--------60--------70--------80
Number of rows per page: 60. Number of characters per row: 80.
Font used for printing: Monospaced
Margins (in): Left = 0.5, Right = 0.5, Top = 0.5, Bottom = 0.5
Row 5 --10--------20--------30--------40--------50--------60--------70--------80
!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnop
qrstuvwxyz{|}~!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`ab
cdefghijklmnopqrstuvwxyz{|}~!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRST
UVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~!"#$%&'()*+,-./0123456789:;<=>?@ABCDEF
Row 60 -10--------20--------30--------40--------50--------60--------70--------80
1

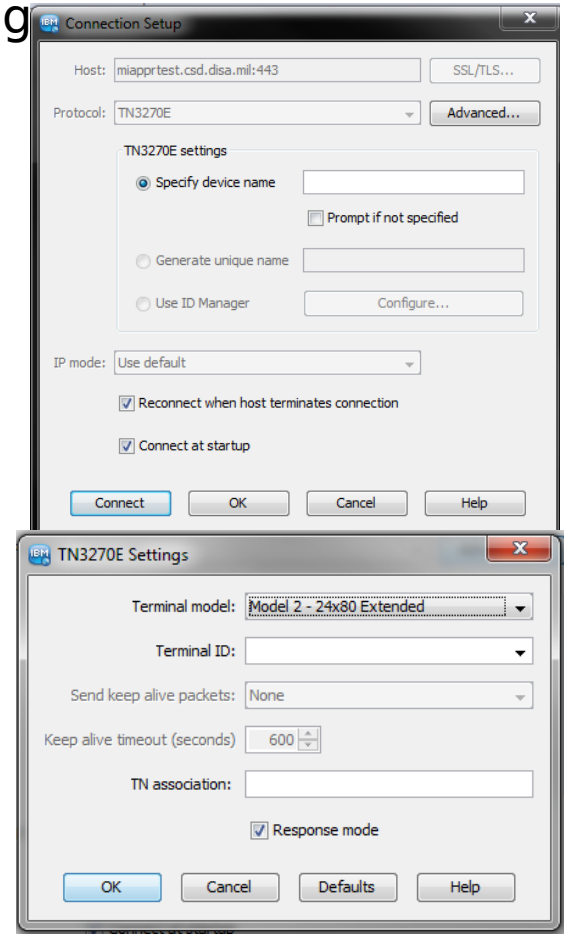
Telnet

For TN3270 telnet sessions, some of the device name fields, i.e. prompting , have moved from the TN3270E Settings screen to the Connection Setup pag





RWeb 10.2



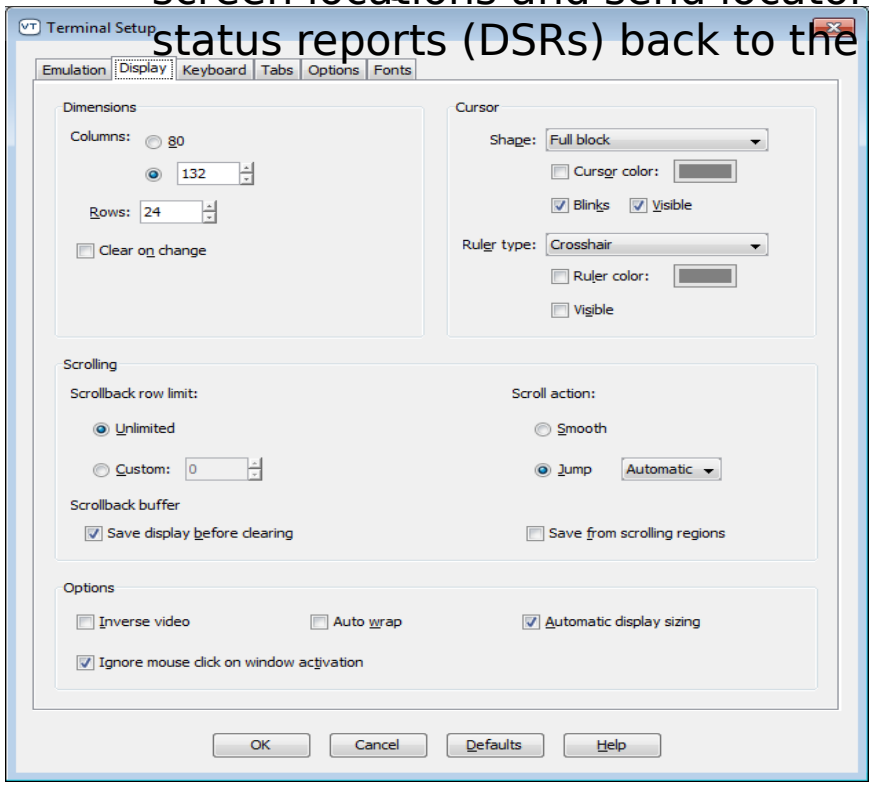
RWeb 12.0

VT 320

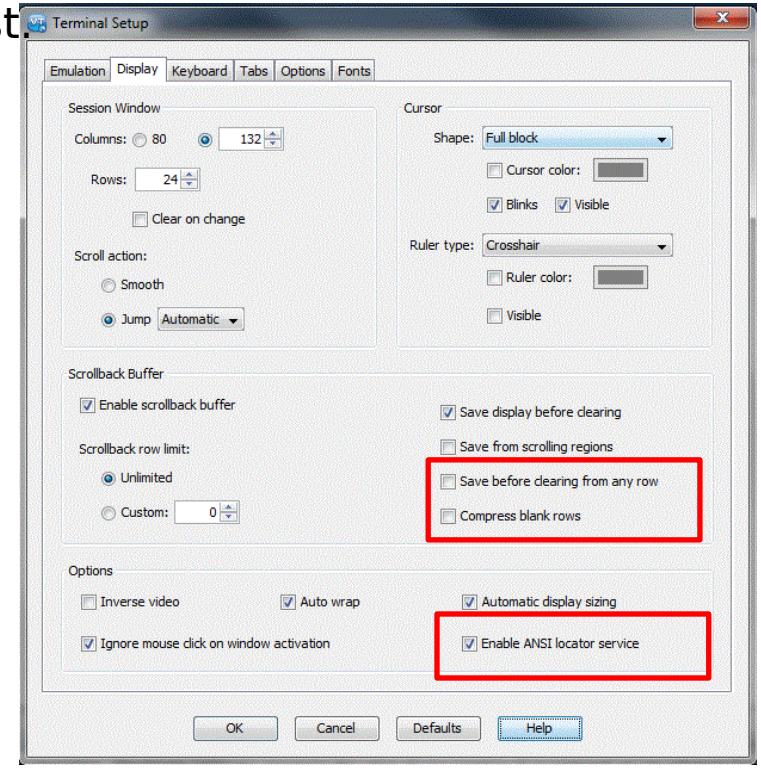
See below for the new layout of the VT 320 Terminal Setup Display Window. It also has the following three additional options:

- **Save before clearing from any row**: This setting specifies whether data that has been cleared from a portion of the terminal window is saved in display memory.
- **Compress blank rows**: Select this option to save room in display memory by compressing multiple blank rows into a single blank row.
- **Enable ANSI locator service**: You can use your mouse to specify screen locations and send locator position reports and locator device status reports (DSRs) back to the host.

10.2



12.0



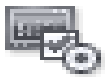
FTP: Icons

FTP icons have been updated. If the icons are not self explanatory , recommend turning on the text with the icons as described on slide #7 (Toolbar Functionality).

Examples

12.0

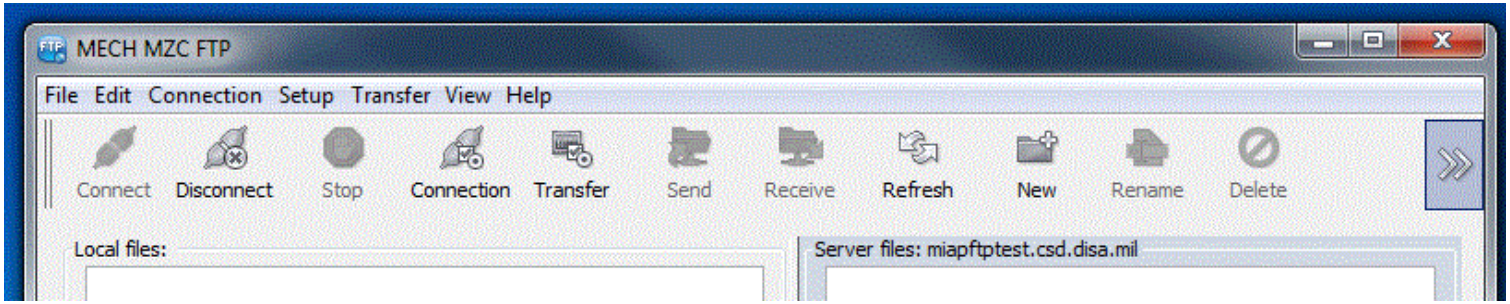
Send to Host

Transfer Setup 

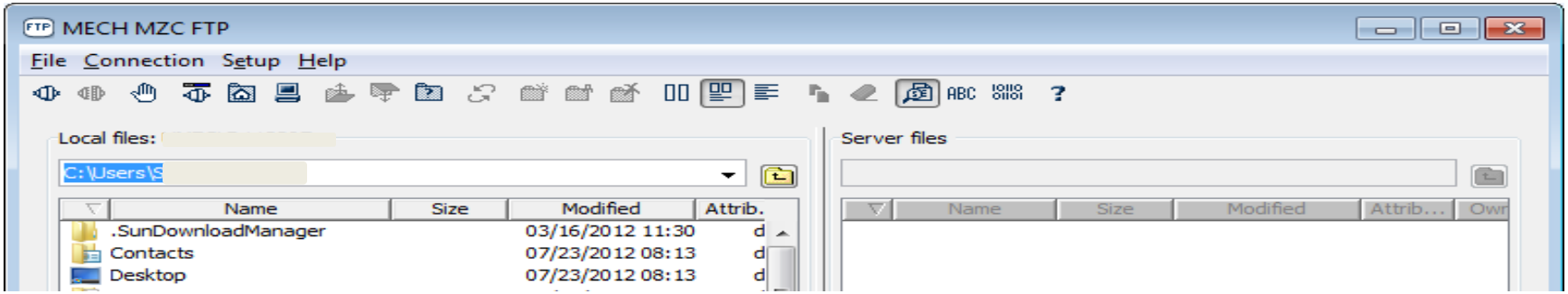
10.2

Send to Host

Transfer Options



12.0.

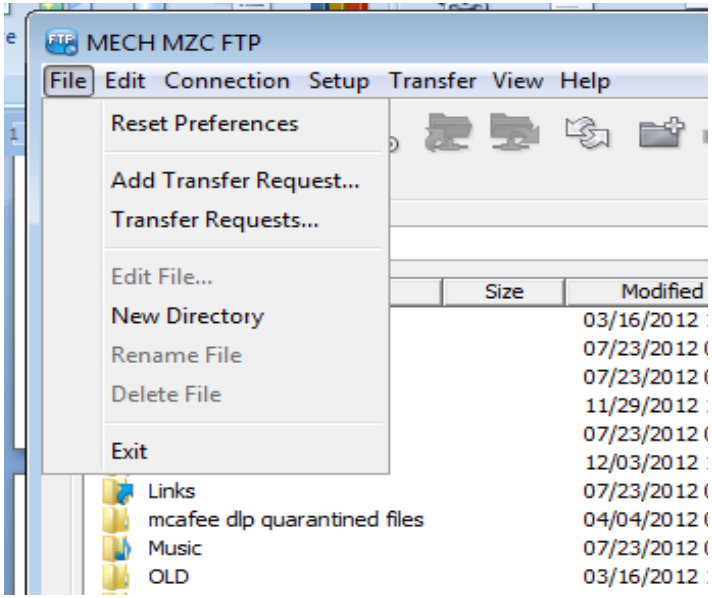


10.2

FTP: File Menu

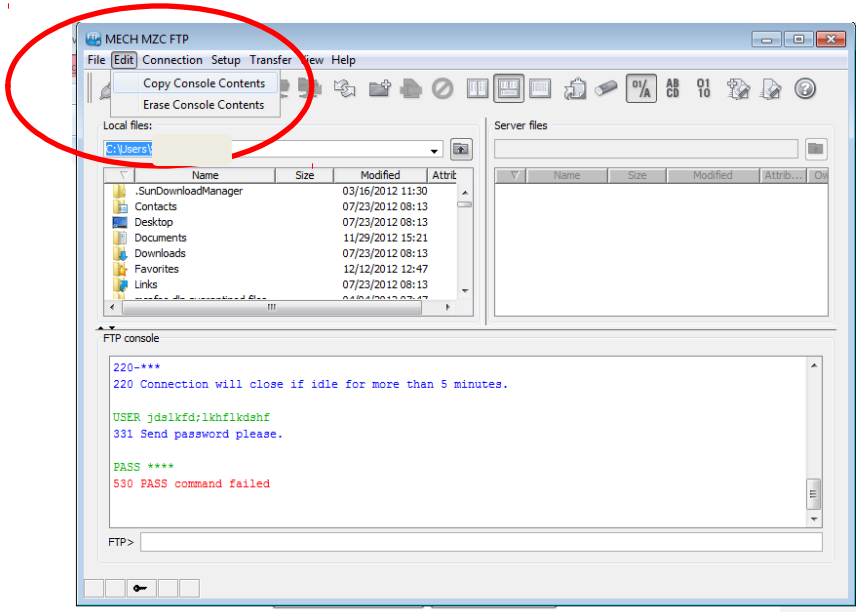
Additional toolbar dropdown selections have been added. Most of these simply provide users with additional ways to perform functions they have always been able to do. Others support the new Transfer Request feature, which will be described subsequently.

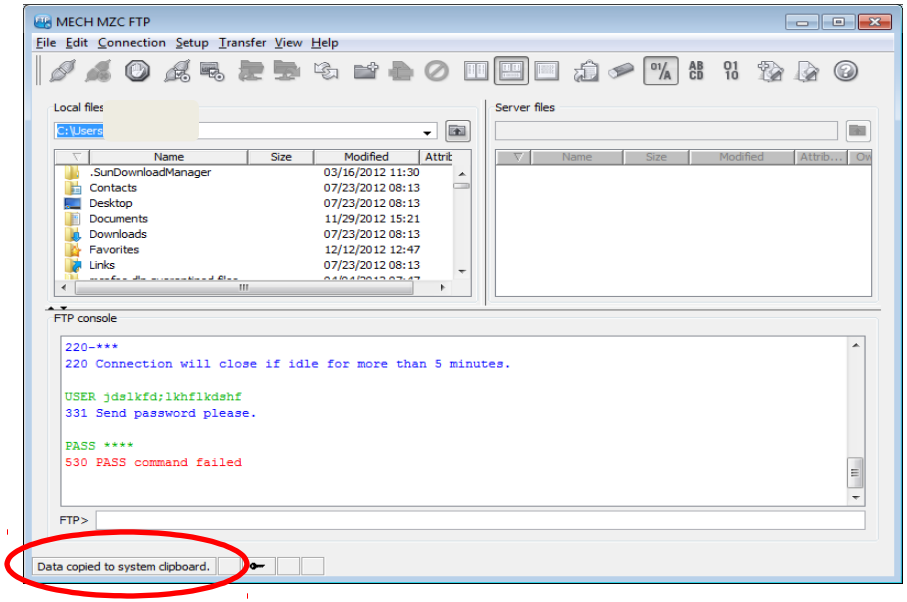
As an alternative to using the icons, **File, New Directory, Rename File or Delete File** can now be used. The icons can still be used in RWeb12 as well. **Edit File** is a new option that can be used after selecting (highlighting) a local file and it will open the file for editing.



FTP: Edit Menu

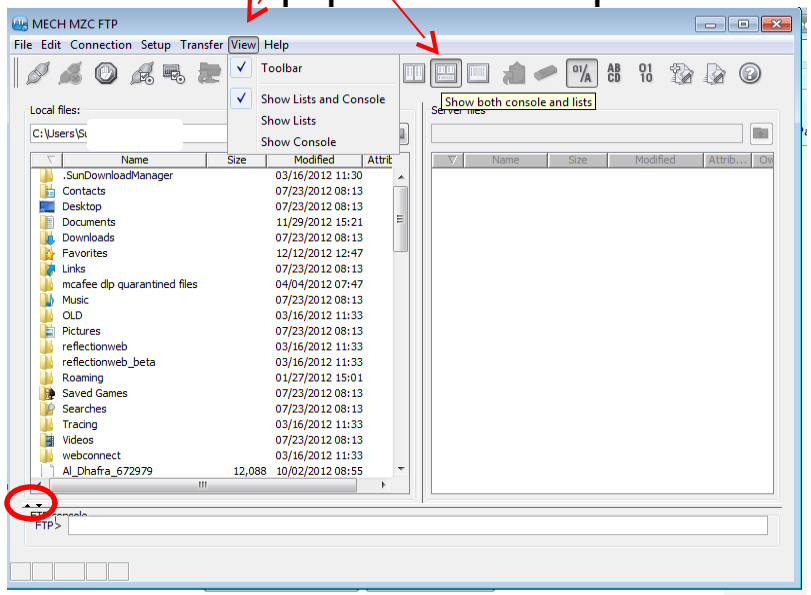
Ability to copy and/or to clear the FTP console options can be found under the Edit option on the toolbar. Select **Edit** , then **Copy Console Contents** to copy all the data in the FTP console to the system clipboard. The **Data copied to the system clipboard** message will display on the bottom of your screen. This data can then be pasted into a Word, Notepad or other document. The **Edit** then **Erase Console Contents** will clear the FTP console on your screen.

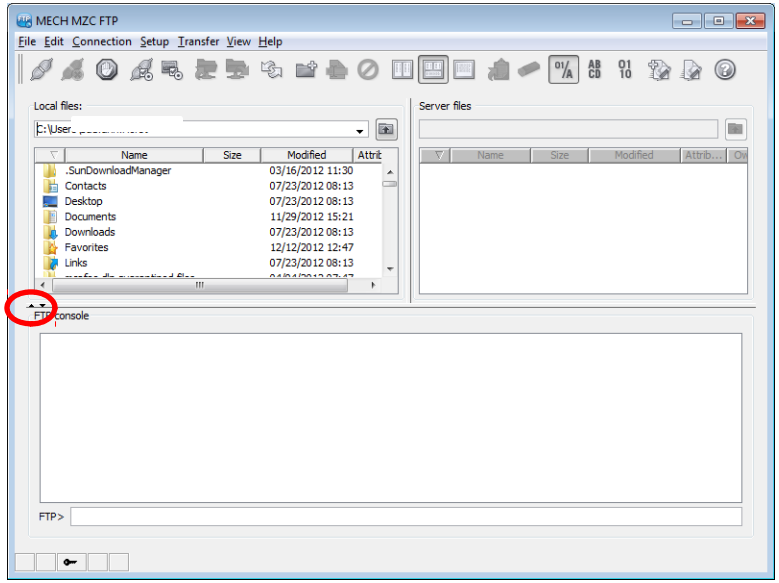




FTP: View Menu

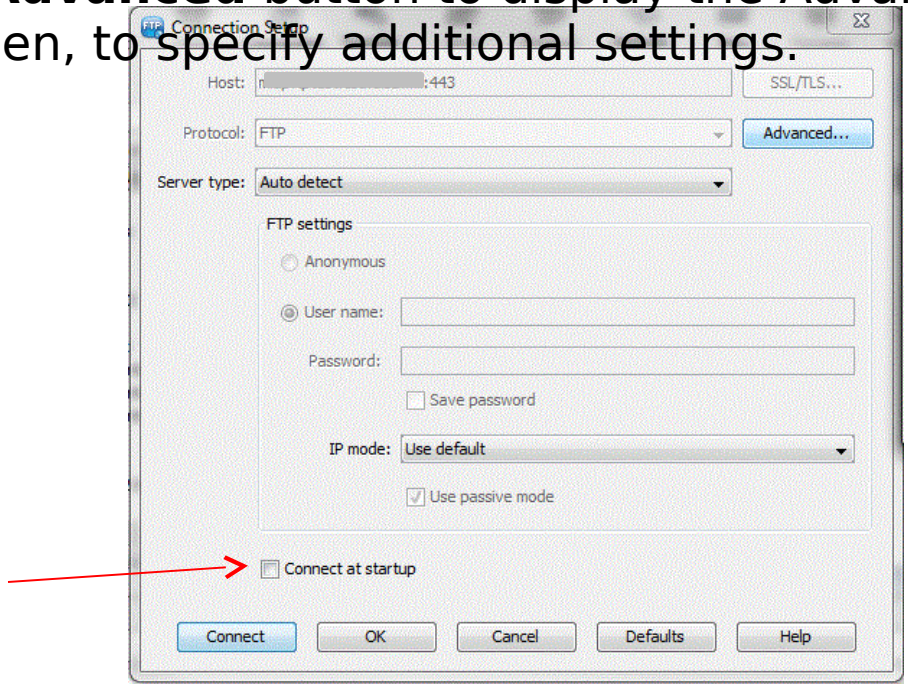
An alternate way to change your display to show both lists and console or just one or the other is now available. Under **View**, check **Show Lists and Console** or **Show Lists** or **Show Console**. The original way to choose with the icons is still available. Reminder: To change the size of your FTP console hover your cursor on the up and down arrows above FTP console until a white arrow appears and then left click on your





FTP: Connection Setup

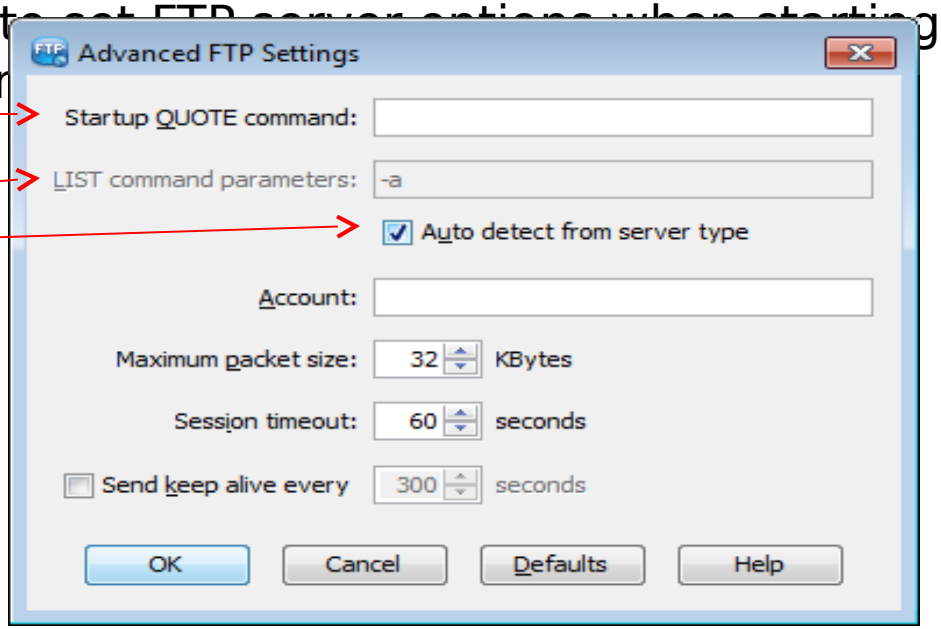
Connection Setup and its Advanced FTP Settings screen have had some additions. Select **Connection**, then **Connection Setup. Server type** is a new field that defaults to **Auto Detect**, which identifies your server automatically. **Connect at Startup** is also new and is checked by default so that the session behaves as it had previously establishing an FTP connection as soon as the session is launched. As before, click on the **Advanced** button to display the Advanced FTP Settings screen, to specify additional settings.



FTP: Connection Setup

On the **Advanced FTP Settings** screen the **LIST command parameters** field is new where any command parameters that should be sent when issuing a LIST command to the FTP server can be specified. The default value is **-a**. This option is only available if you clear the check box for Auto detect from server type.

Reminder: **Startup Quote command** field can be used to specify a string to be sent to the FTP server as the session starts. It allows you to set FTP server options when starting the session. For exar



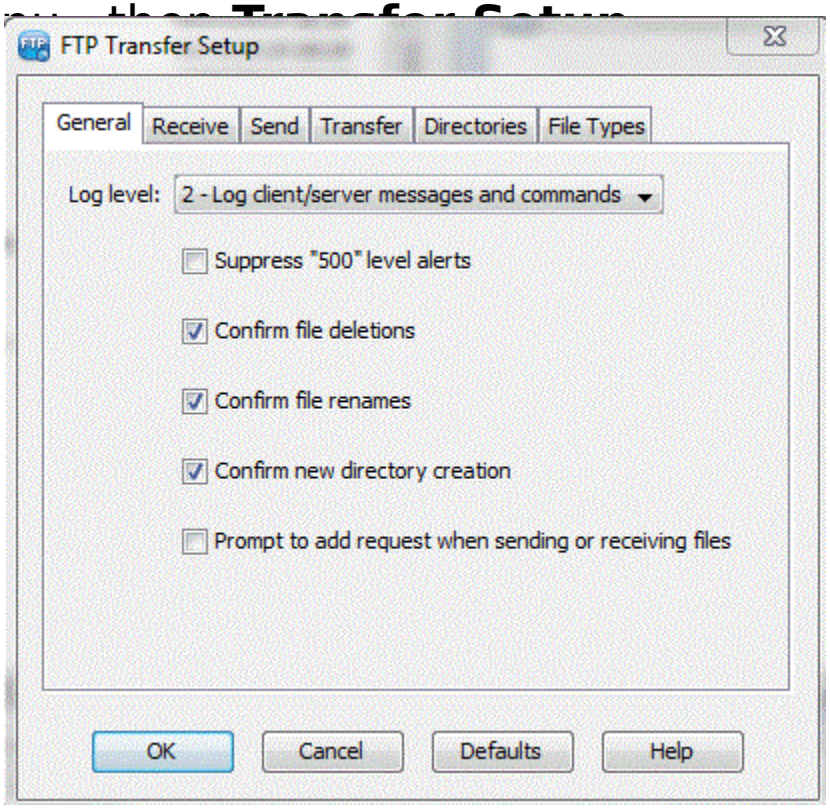
FTP: Setup Transfer - General

Many of the transfer settings and options have been moved in RWeb12 for better organization and to group like items together. In the below tab driven **FTP Transfer Setup** screen.

Select **Setup** from the menu, then **Transfer Setup**.

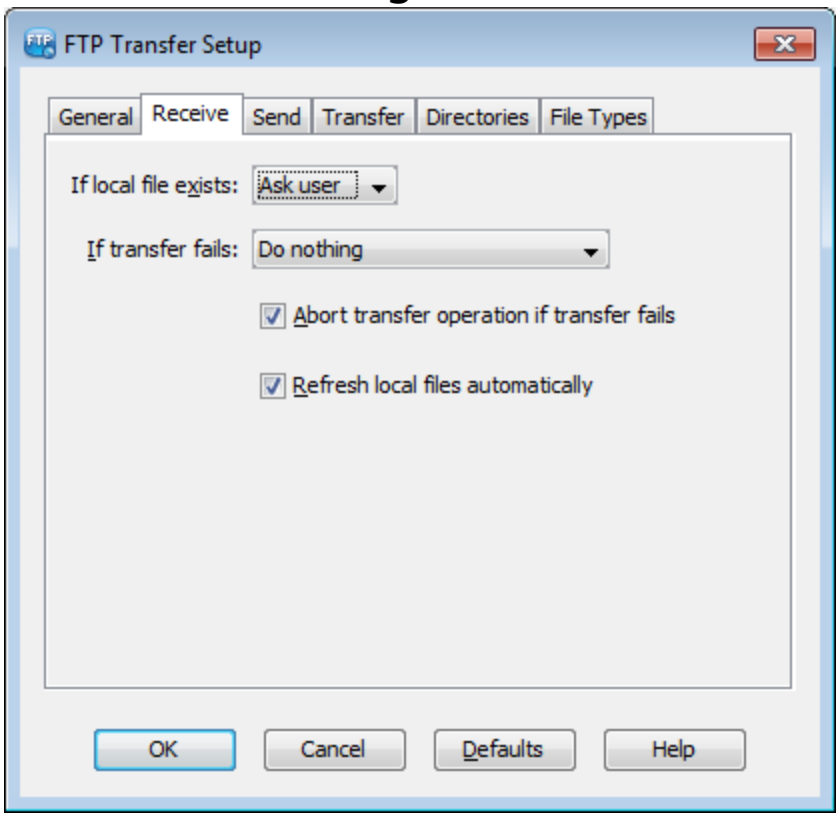
The default tab is the **General** tab shown. (These options were previously located on the Setup menu, FTP Options selection.)

The **Prompt to add request when sending or receiving files** checkbox is new as part of the Transfer Requests enhancement.



FTP: Setup Transfer - Receive

Select **Setup , Transfer** then click on the **Receive** tab to configure settings to be used when receiving a local file from the remote host.

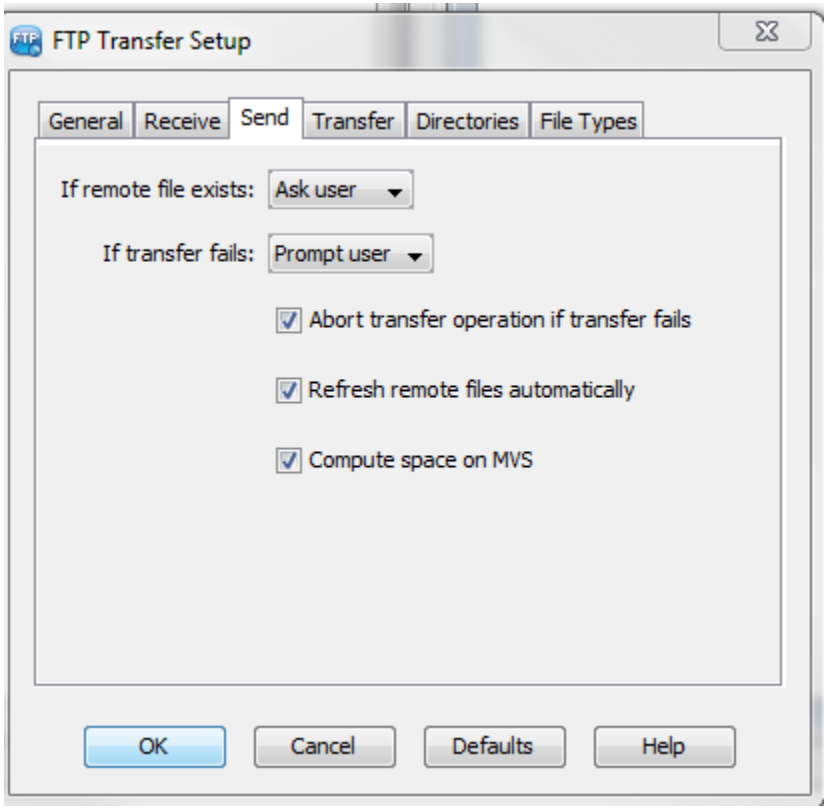


If local file exists and **Refresh local file automatically** fields were in previous versions (previous location Setup, FTP options). However, additional options are now available **If local file exists** and there is a new field **If Transfer fails:** to specify how the transfer should operate if the transfer fails.

FTP: Setup Transfer - Send

Select **Setup , Transfer** then click on the **Send** tab to configure settings to be used when sending a local file to the remote host.

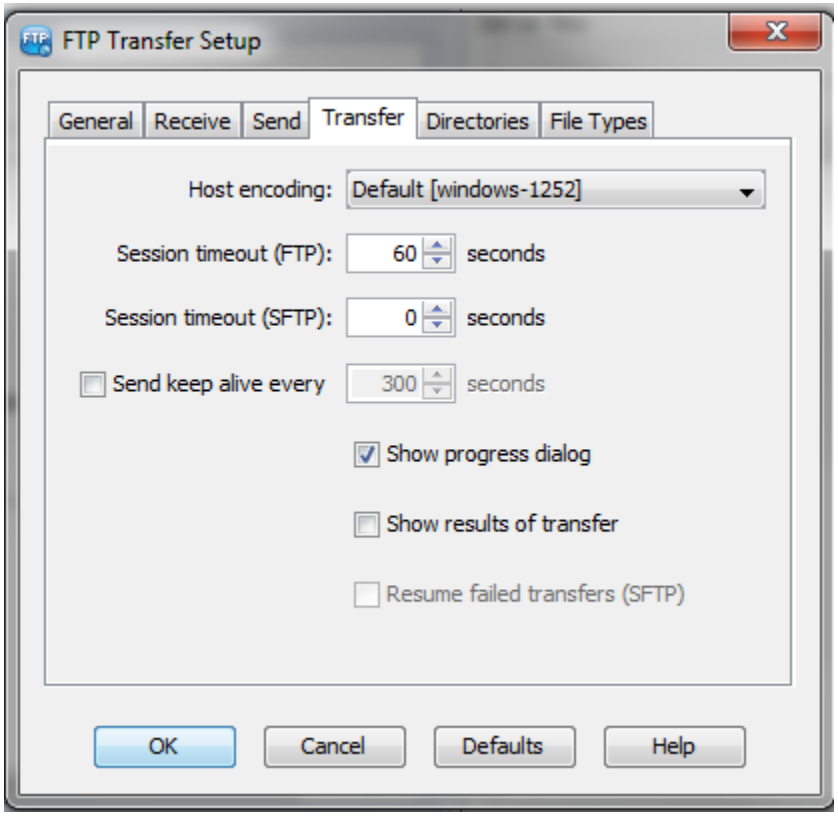
If remote file exists and **Refresh remote file automatically** fields were in previous versions (previous location Setup, FTP options) . However, additional options are now available in **If remote file exists** drop down and there are two new fields: **If Transfer fails:** to specify how the transfer should operate if the transfer fails and **Compute space on MVS**. By default, the FTP Client computes and pre-allocates the number of tracks on the MVS host system. Clear this option to disable the feature.



FTP: Setup Transfer- Transfer

Select **Setup, Transfer** then the **Transfer** tab to set additional transfer settings.

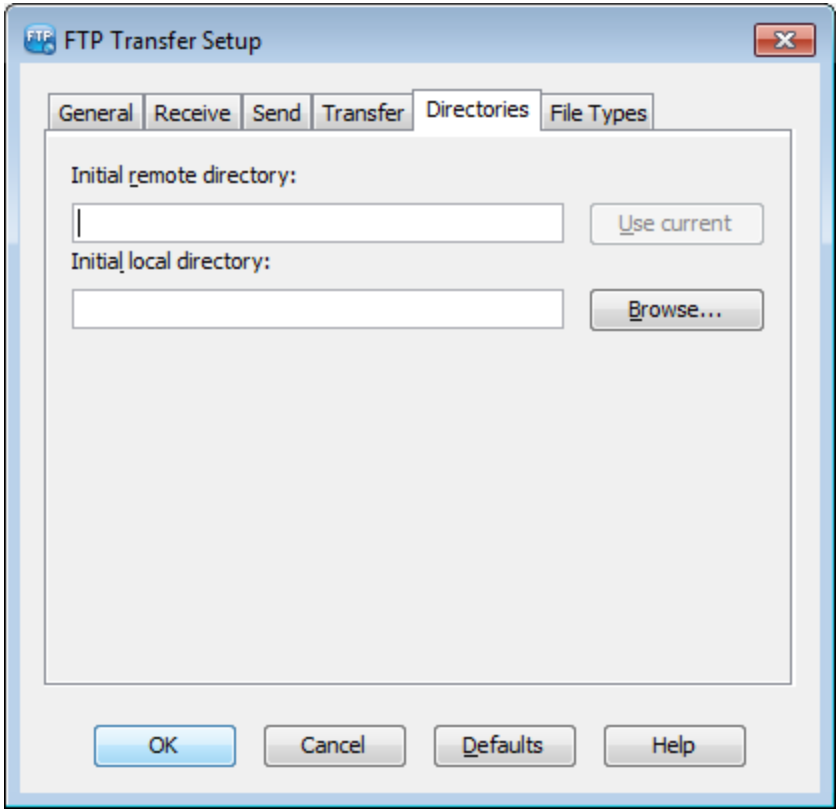
These fields were all available in previous RWeb versions. **Host encoding** and **Show progress dialog** previously were located on the Setup Transfer Options screen. **Session timeouts** is located here in addition to under **Connection Setup** then **Advanced** button.



FTP: Setup Transfer - Directories

Select **Setup , Transfer** then click on the **Directories** tab to configure Initial remote and local directories.

These could previously be set under Setup menu , Directory locations selection.

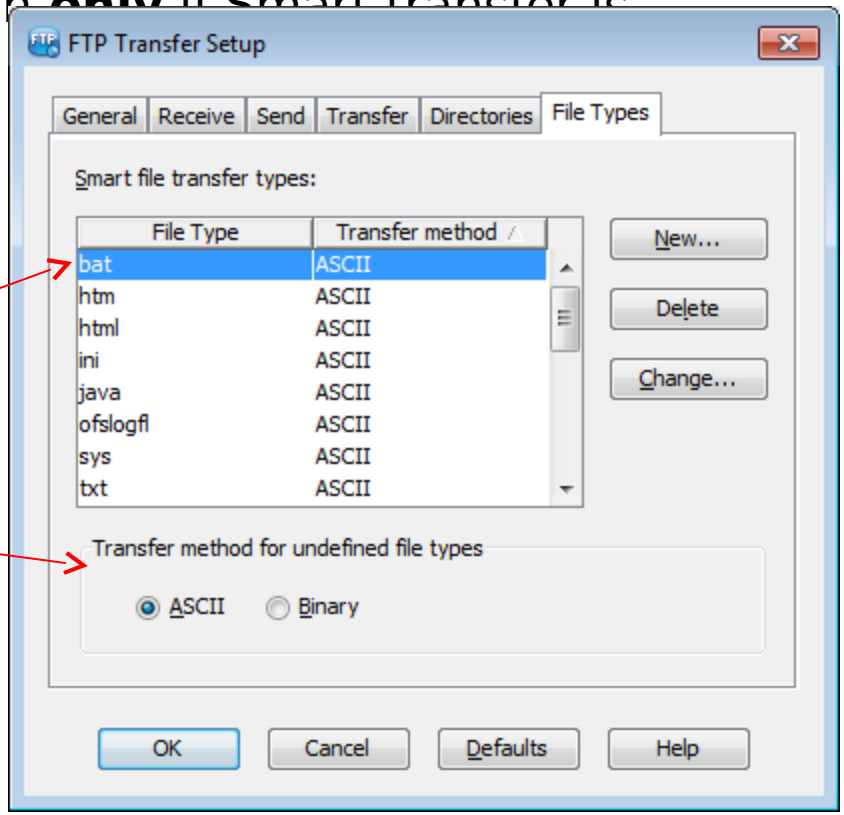


FTP: Setup Transfer – File Types

Select **Setup, Transfer** then click on the **File Types** tab to determine what transfer method to use (ASCII or binary) when transferring files using the smart file transfer option. The determination of how the files are transferred will be made on the selections made on this screen **only** if Smart transfer is selected (see next screen).

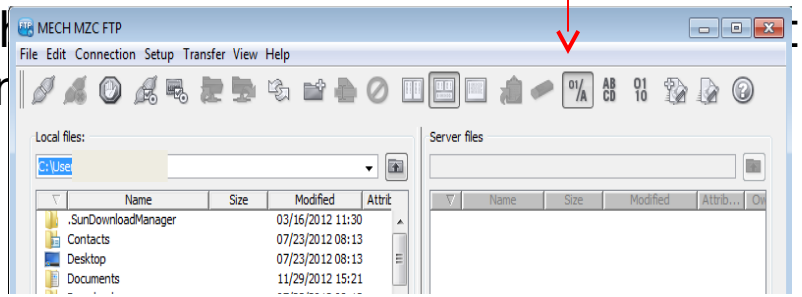
- The determination of whether the files will be transferred using ASCII or binary method, depends on the source file extension. Ex. **.bat** file will use **ASCII** method, based on the highlighted entry on the right. Any file extension not in the table will use the **Transfer method for undefined file types** selection.

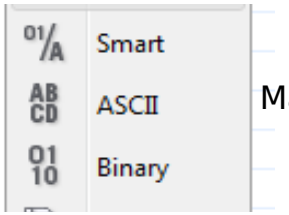
- This screen was previously



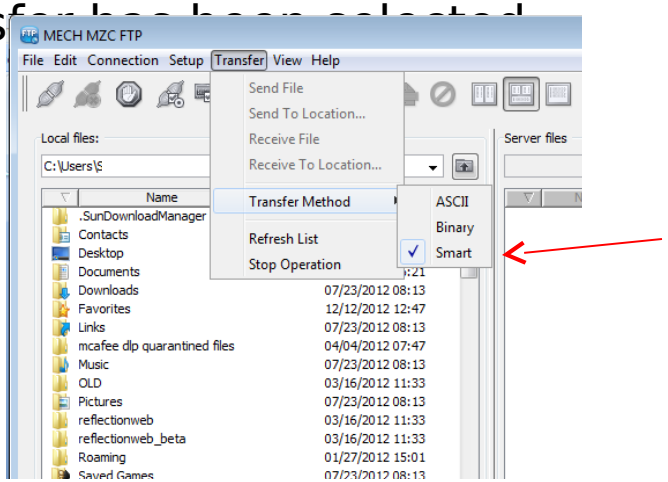
FTP: Setup Transfer – File Types

If you want the FTP client to automatically determine what transfer method to use (ASCII or binary) based on the type of file that is being transferred, select the **Smart** transfer method button in the FTP session window. Or if you select **ASCII**, all files will be transferred using the ASCII transfer method. If **Binary** is selected, all files will be transferred using the Binary method. This choice can be made by selecting the icon for either Smart, ASCII or Binary on the toolbar. An alternate way to make this choice that has been added in RWeb12, is to select **Transfer** from the menu, then **Transfer Method** and th[illegible] transf[illegible] in[illegible]



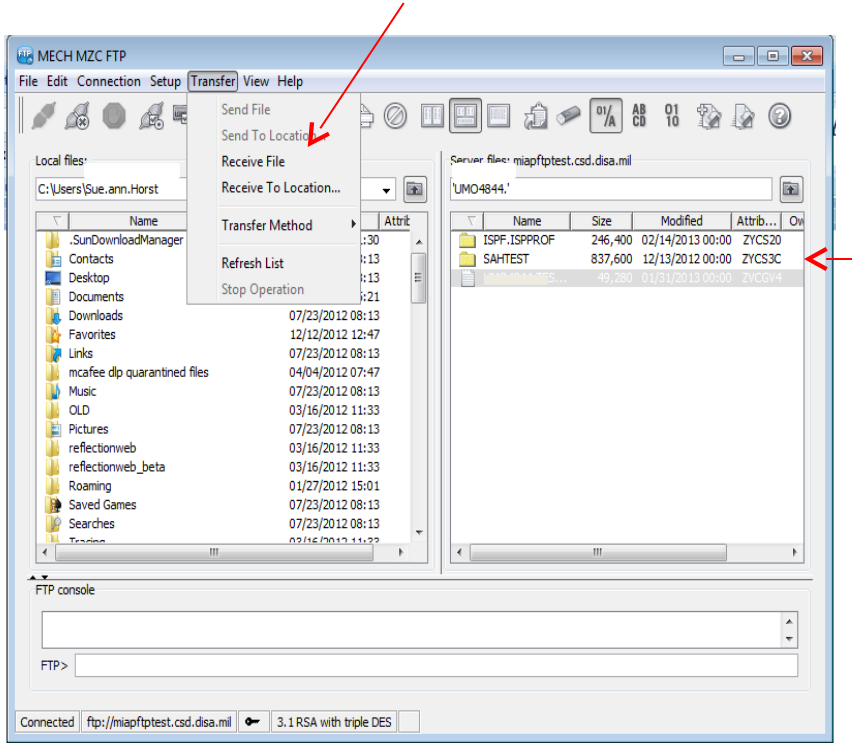


Magnified icons with text



FTP: Transfer Menu

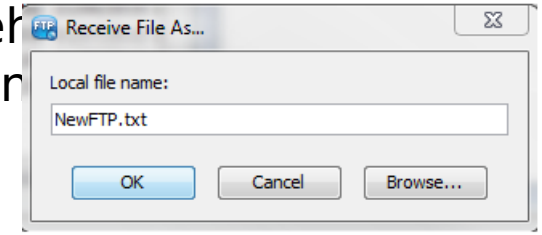
The Transfer Menu is new in RWeb12. It mostly consists of alternate ways to perform functions that were previously available and are still available using the icons: **Send File**, **Receive file**, **Refresh List** and **Stop Operation. Transfer Method** was discussed on the previous slide.



After selecting a file or set of files in the server pane, select **Receive File** to transfer the file(s) to the current directory location on local machine.

To specify the local file name, select **Receive File As….** You will be prompted to type in the new local file name (see below).

Send File and **Send File As…** beh being ser



FTP: Transfer Requests

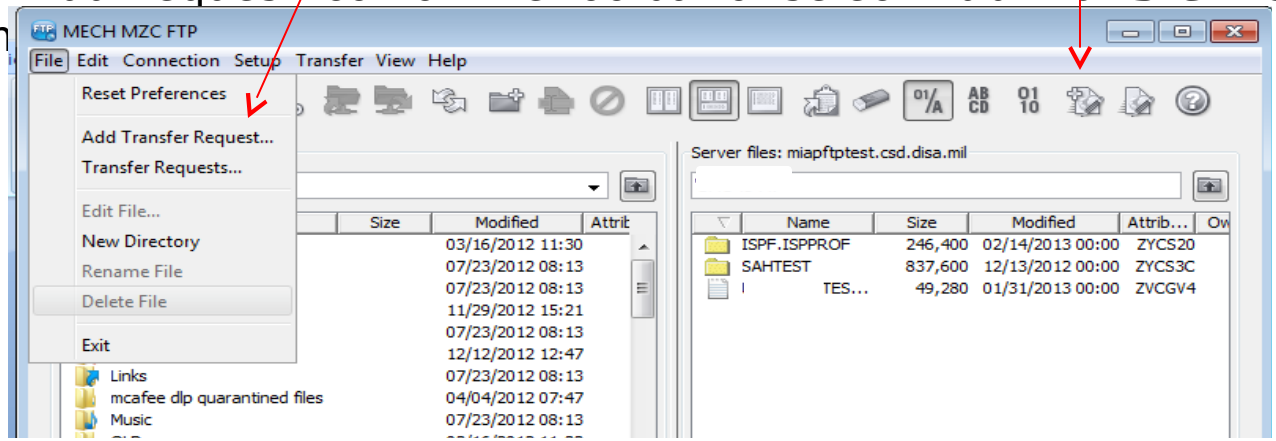
New Feature: **FTP Transfer Requests.** Use FTP transfer requests to save file transfer information to later execute the transfers without having to specify files and options each time.

Creating a transfer request

In the local directory and the server directory panes of the FTP client, navigate to the location where the file transfer operation is to be performed. This is an easy way to specify the directories that will be used in your file transfer request.

Select the file or files that you want to transfer in the Local files pane or the Server files pane.

Click Add Request icon on the toolbar or select **Add transfer request** from



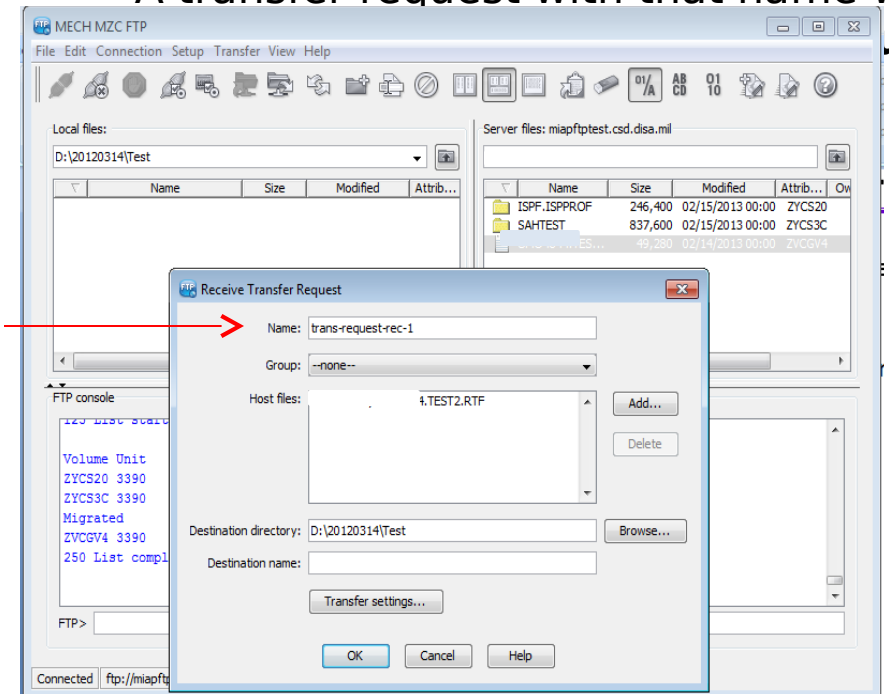
Local files pane

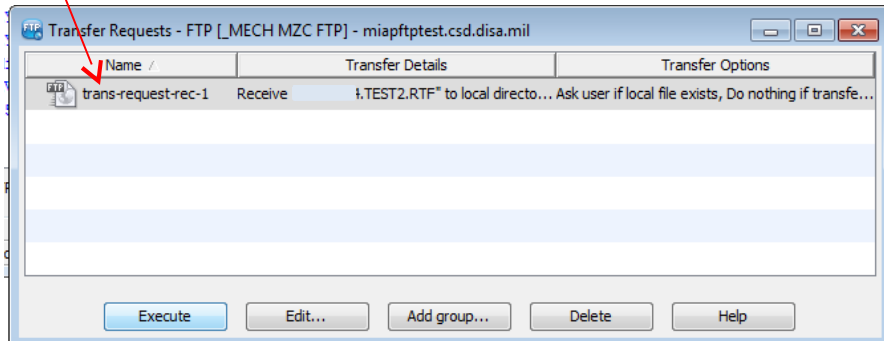
Server files pane

Add transfer request icon

FTP: Transfer Requests

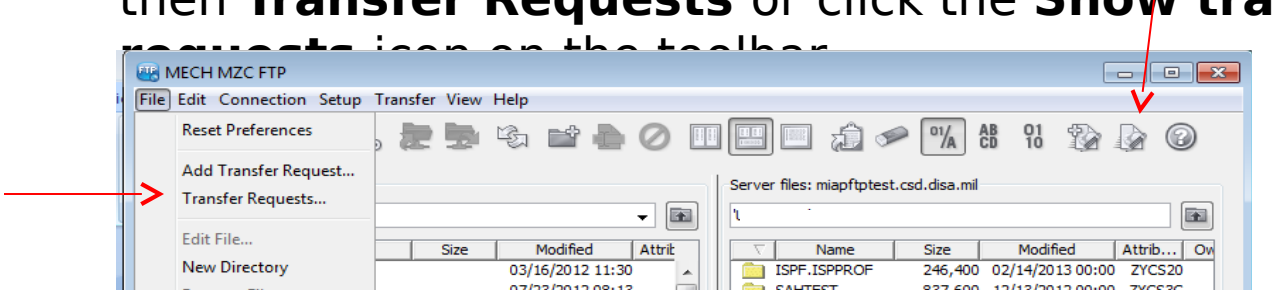
A **Receive Transfer Request** screen (shown below) or a **Send Request** screen will popup depending on whether the file(s) you selected to transfer were in the in the Local files pane or the Server files pane**.**
Specify a **Name** for the file transfer request.
Review the **Transfer settings** for the transfer request, and make any necessary changes.
Click OK.
A transfer request with that name will be added and will automatically
uests screen.





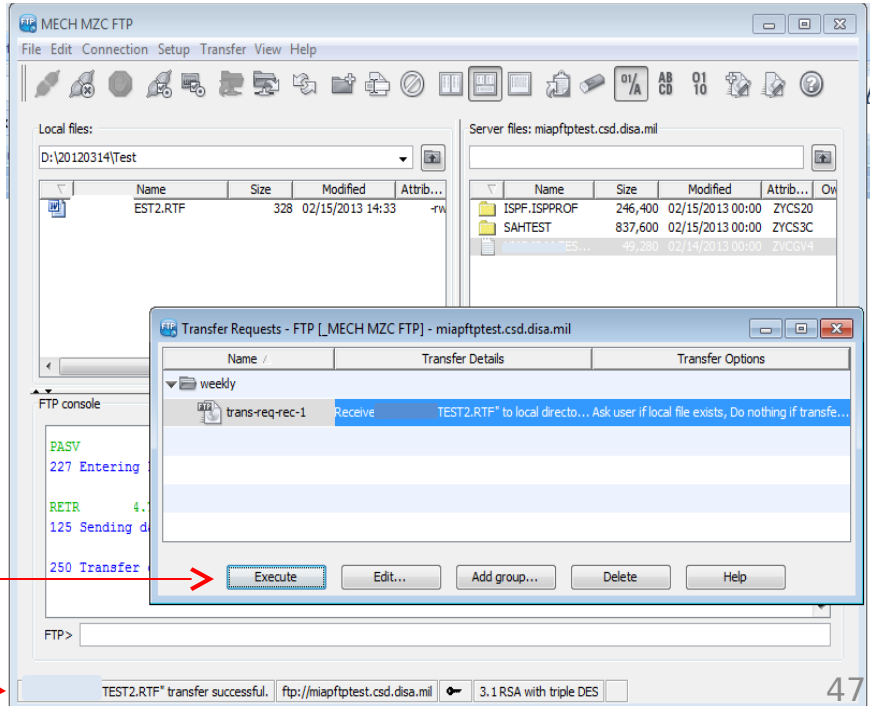
FTP: Transfer Requests

Transfer requests are shown in the Transfer Requests screen. To open this dialog box, do one of the following: Select **File**, then **Transfer Requests** or click the **Show transfer requests** icon on the toolbar.



Enlarged show transfer requests icon

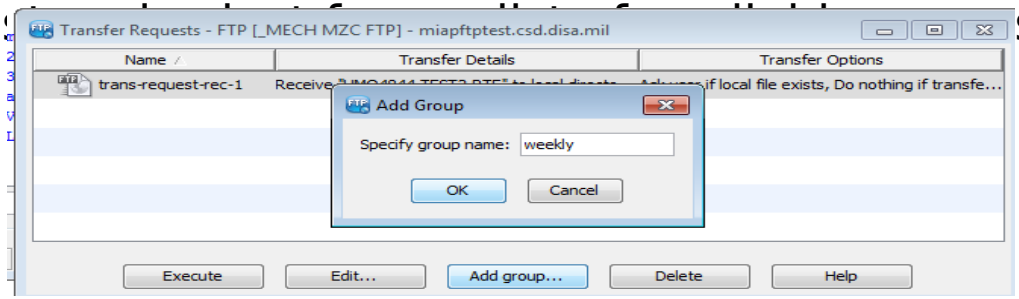
All existing transfer requests are listed in this dialog box, including transfer details about the files included in this transfer, and options you have configured for the transfer. To run a saved transfer, select it and click **Execute.** You can also edit or delete a transfer request from this list.



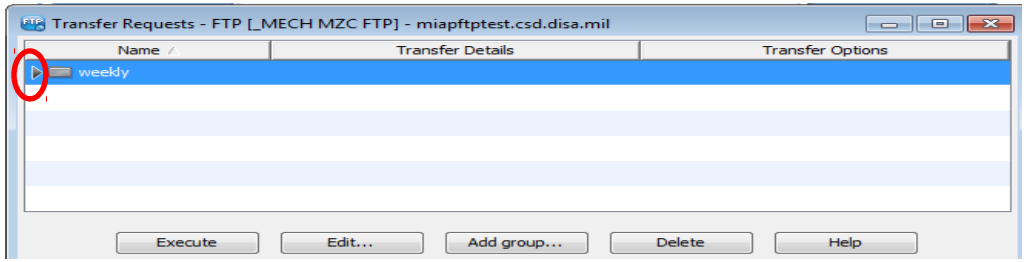
Successful file transfer message

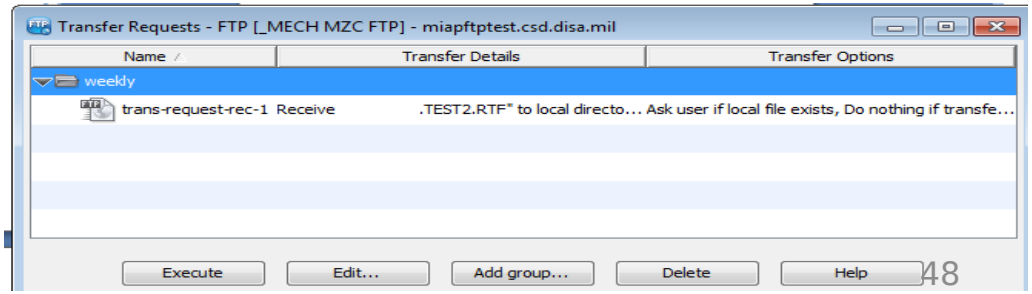
FTP: Transfer Requests

Click on the **Add group** button to open the **Add Group** dialog box, where you can specify a new group name. Use transfer request groups to organize requests that you routinely execute together. You can drag transfer requests into a group or edit the reque s.



Click the arrow in front of the group folder to expand the group and show all requests that are included in it.

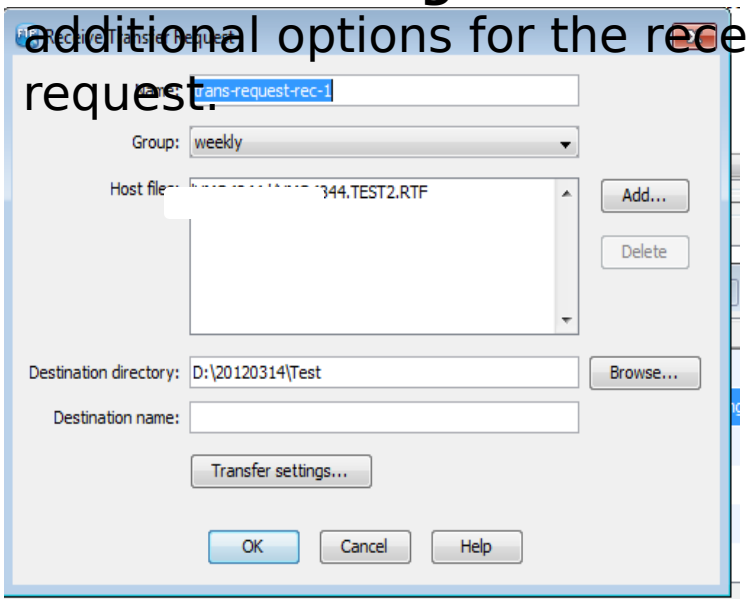


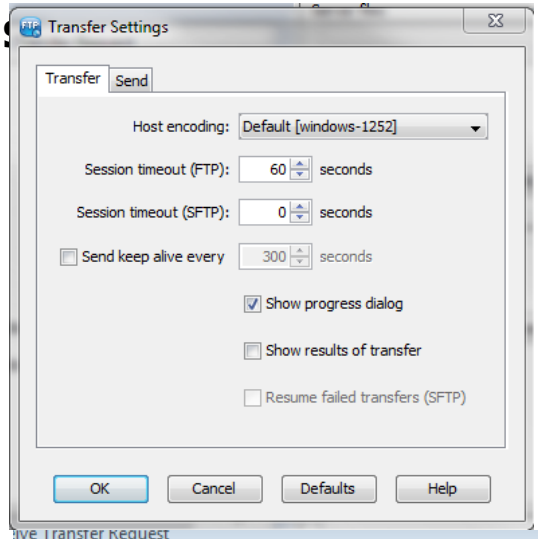


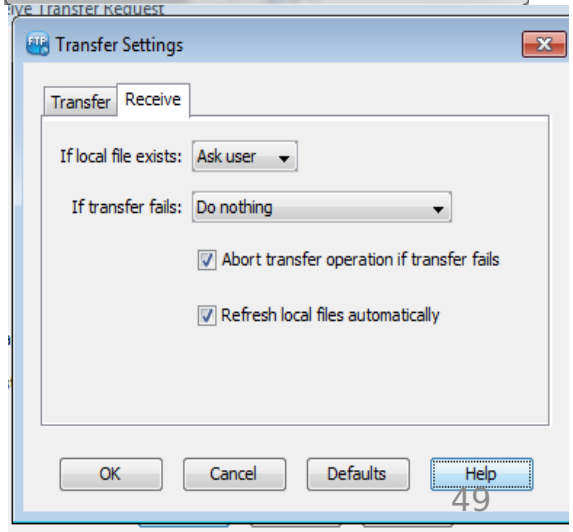
FTP: Transfer Requests

When creating a transfer request, if the file(s) you select to transfer are in the Server files pane (to be transferred to your local machine), the **Receive Transfer Reque**s popup,

In addition to giving the transfer a name and group, you can also specify the filename for the file to be received in **Destination Name** and can select the **Transfer settings** button to specify additional options for the receive transfer request.





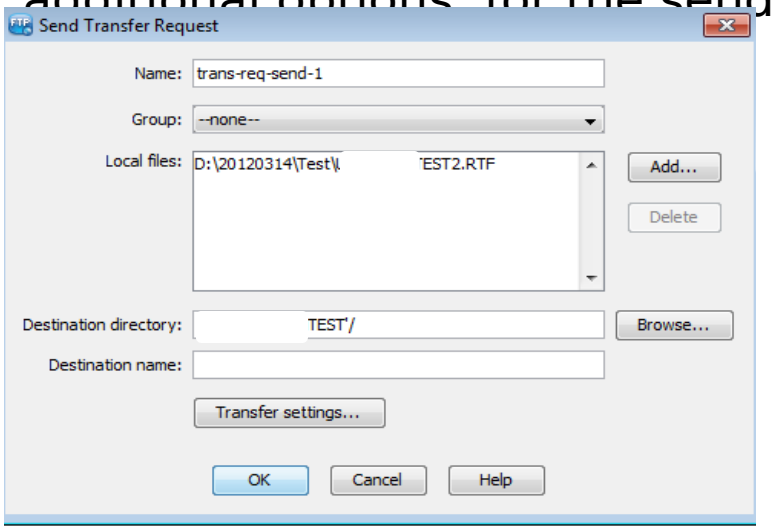


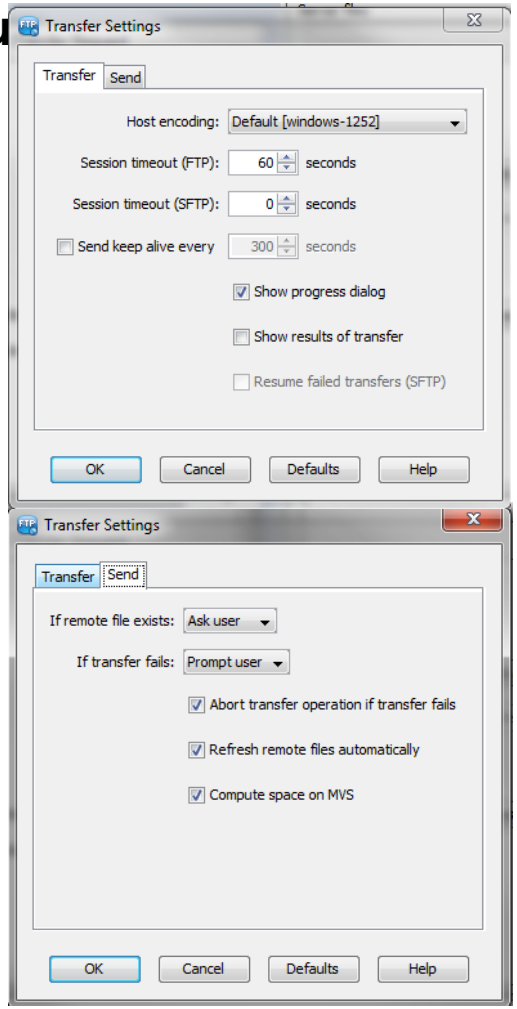
The settings on the **Transfer** and **Receive** tabs are similar to the Setup Transfer screens described

FTP: Transfer Requests

Similarly when creating a transfer request, if the file(s) you select to transfer are in the Local files pane (to be transferred to the server (host)), the **Send Transfer Requ** popup

In addition to giving the transfer a name and group, you can also specify the filename for the file to be sent in **Destination Name** and can select the **Transfer settings** button to specify additional options for the send transfer



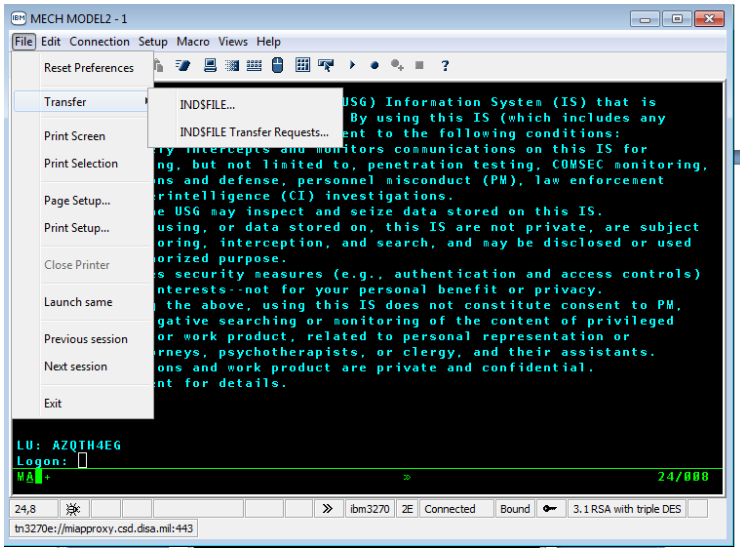


The settings on the **Transfer** and **Send** tabs are similar to the Setup Transfer screens described earlier.

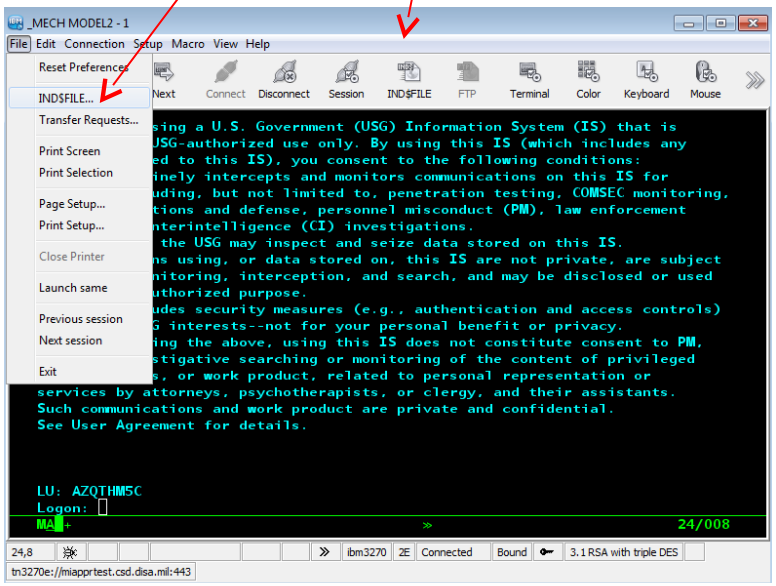
IND$FILE

IND$FILE and IND$FILE Transfer Requests were available in previous versions, but their menu options have been moved to be directly under **File** as shown below. To launch IND$FILE now either select **File** then **IND$FILE** or the IND$FILE icon from the Toolbar.

NOTE: Any host commands that were previously needed to perform IND$FILE transfers , ex. TSO command option (6), entering **\ft** on command line, are still necessary.



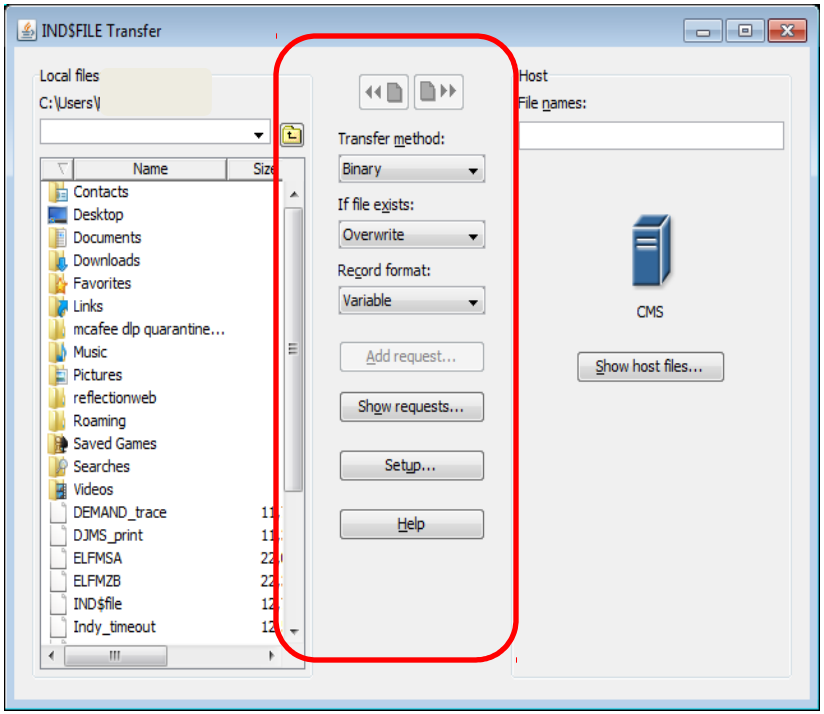
10.2



12.0

IND$FILE

IND$FILE has been reorganized in RWeb12 and its menu and screens now have a similar look to FTP in RWeb12. In RWeb12 there are now menu (File, Setup…) and toolbar icons available, instead of the dropdowns and buttons previously located in the center of the screen. **Show host files** is still used to list files on the host.



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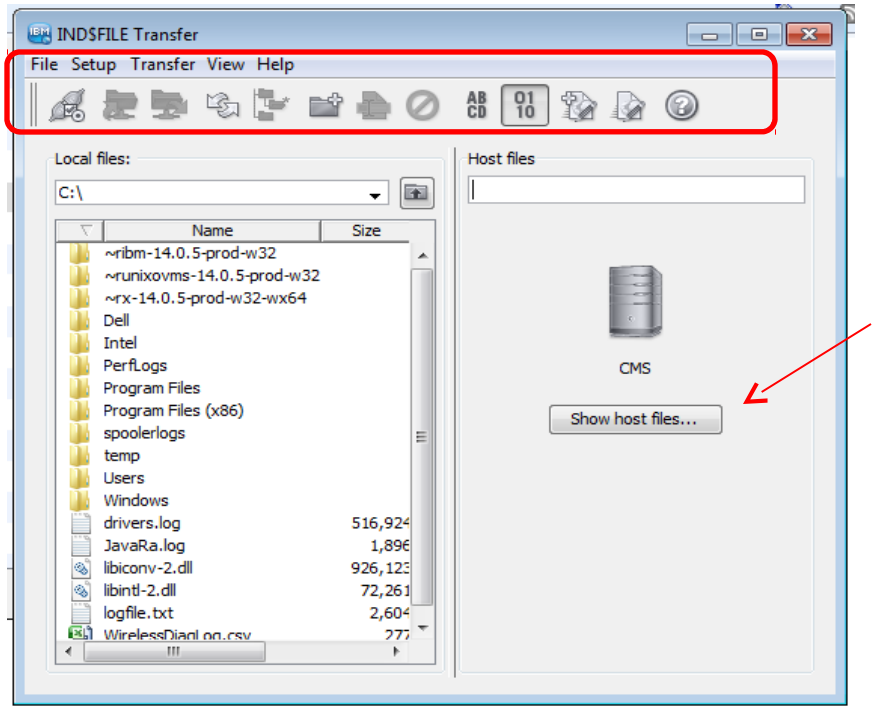


12.0

IND$FILE: Icons

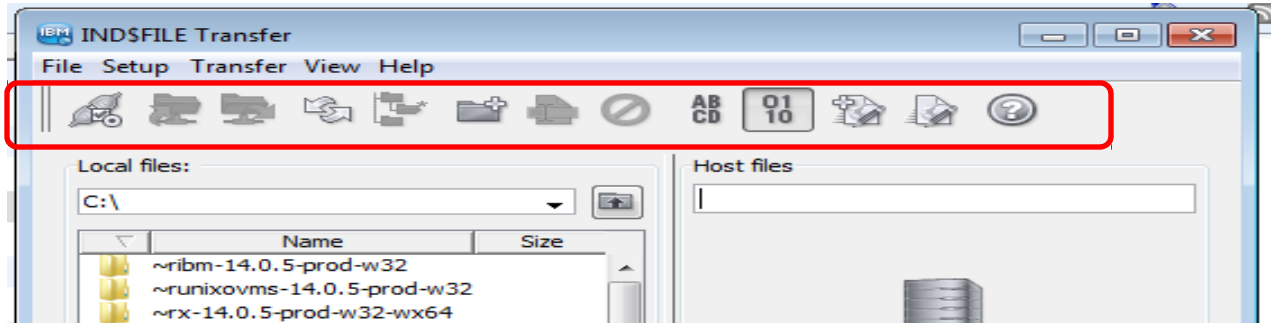
The icons are consistent with the icons for FTP. If the icons are not self explanatory , recommend turning on the text with the icons as described on slide #6 (Toolbar Functionality) or clicking **Help** menu. Icon examples:

Transfer (Send) selected files to the host.

Configure transfer settings to set defaults and to control various aspects of IND$FILE transfer.

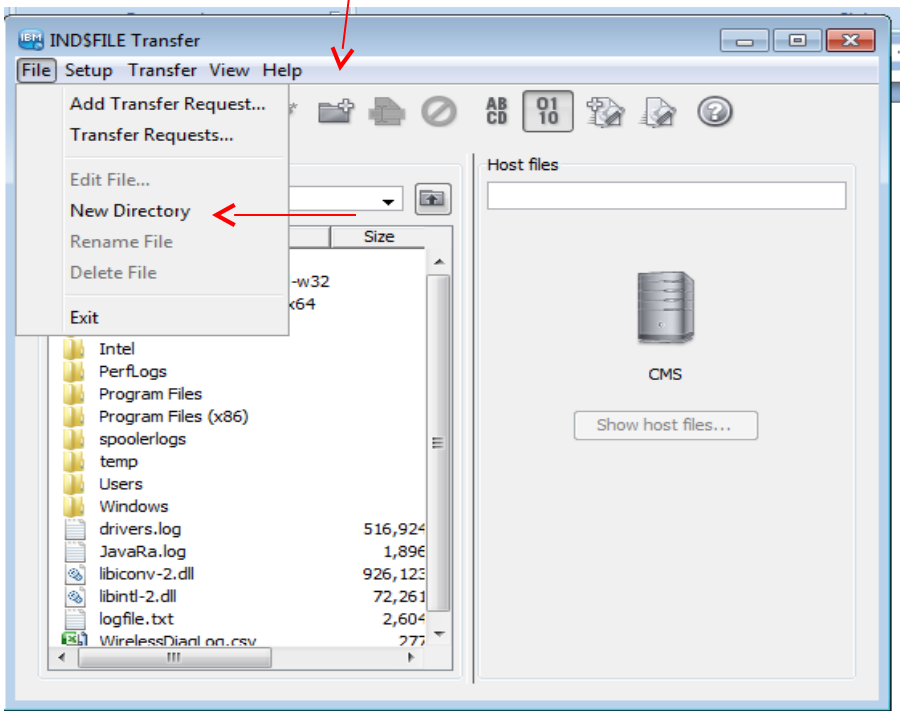
ASCII transfer method - Use for text files with no special formatting.

Specify TSO data level - If you are connected to a TSO host, click this button to type in the new dataset you want to view. Reflection for the Web updates the remote file list using the dataset level you specify.



IND$FILE: File Menu

The RWeb12 IND$FILE **File** Menu is consistent with the RWeb12 FTP File menu. Most of these selections simply provide users with additional ways to perform functions that can alternately be done with the icons. For Ex. both the icon and file menu options pointed to perform the New Directory function.

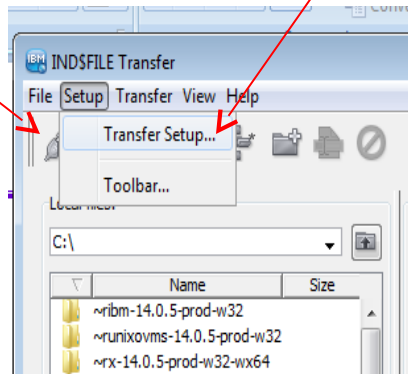


File, New Directory allows you to create a new folder or directory on the local. After clicking in the local panel to make this option available, enter a directory name in the dialog box, and then click OK.

Rename File or Delete File or **Edit File** can be only be used after selecting (highlighting) a local file.

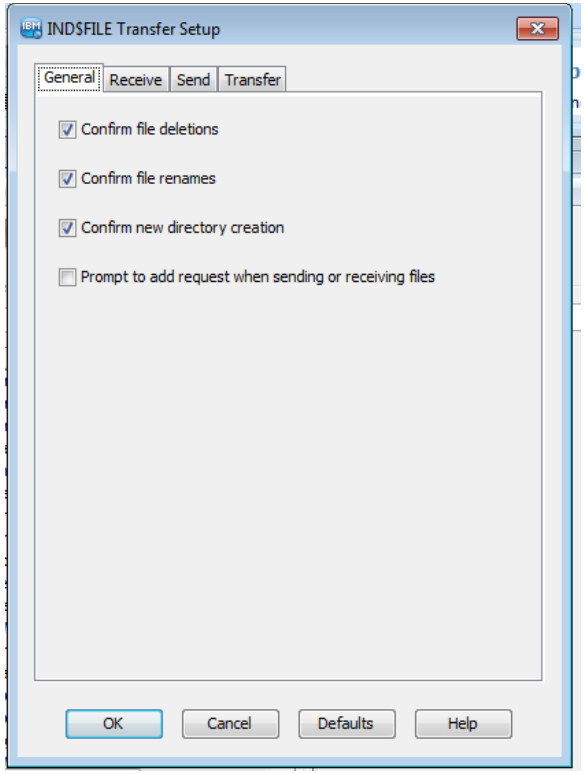
IND$FILE: Setup Menu

To configure transfer settings to set defaults and to control various aspects of IND$FILE transfer, select **Setup** and then **Transfer Setup** or click on the corresponding icon. Most of these setting choices were previously located in the center of the IND$FILE Transfer screen. They are now located on this tab driven screen similar to RWeb12 FTP.



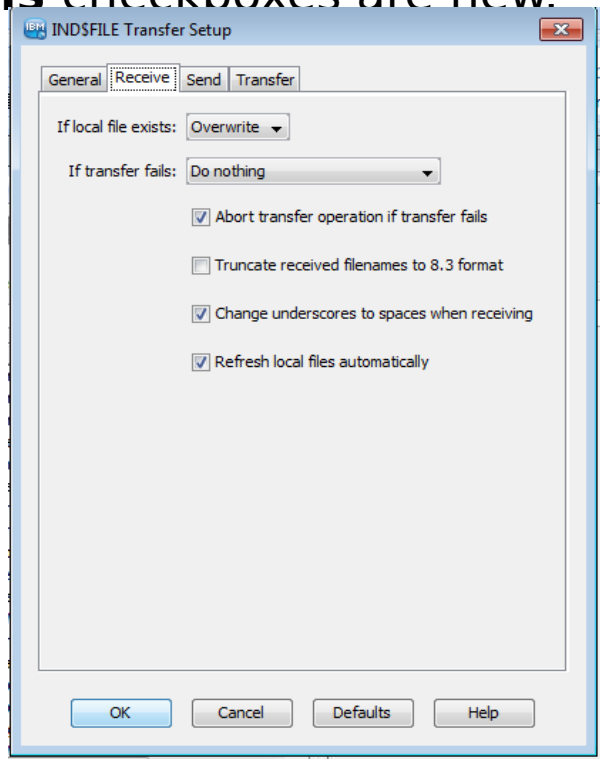
Hidden configure transfer settings icon

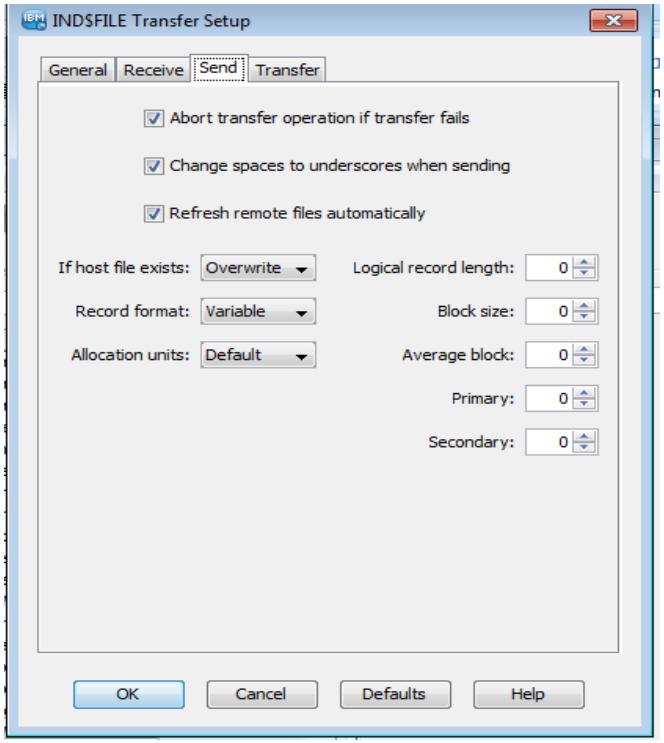
The **IND$FILE Transfer Setup General** tab is to configure IND$FILE confirmations and prompts for file transfer. For instance, check **Confirm file deletions** if you want to be prompted for confirmation before deleting a



IND$FILE: Setup Menu

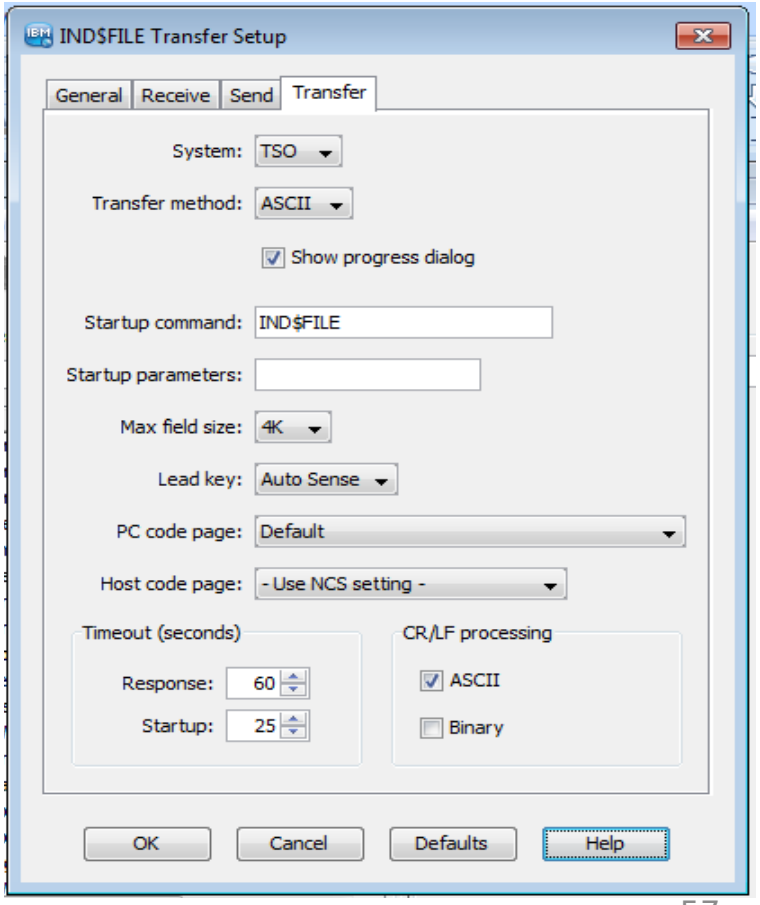
There are separate **IND$FILE Transfer Setup** tabs to set specific settings when receiving or sending files, **Receive** and **Send**. Most of these setting choices were previously located in the center of the IND$FILE Transfer screen. However, **If Transfer fails:** to specify how the transfer should operate if the transfer fails and **Abort transfer operation if transfer fails** checkboxes are new.





IND$FILE: Setup Menu

The **IND$FILE Transfer Setup Transfer** tab contains the rest of the transfer settings that can be configured. Most of these setting choices were previously located in the center of the IND$FILE Transfer screen.



Note: **System: TSO** and **Transfer method: ASCII** are usually selected.

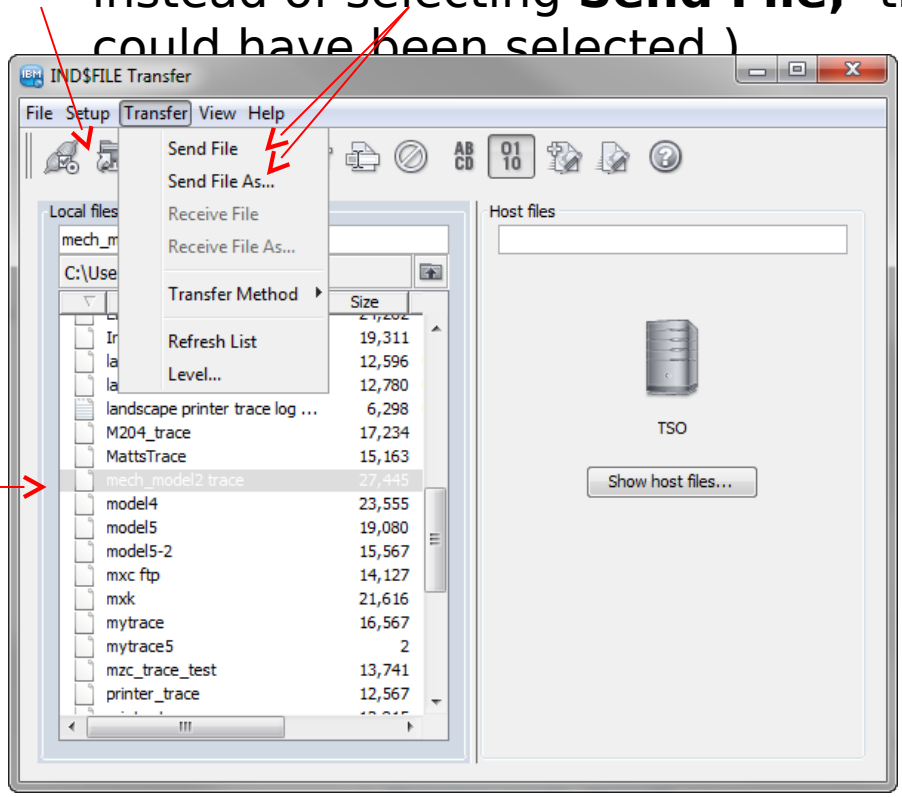
New Fields:

PC code page - The character set to use when reading or writing local files during a file transfer. The value "Default" uses the code page corresponding to your operating systems locale.

Host code page - The character set to use when translating EBCDIC characters while transferring files to or from the host. The default, Use NCS setting, uses the national character set specified in the Terminal Setup, Emulation tab.

IND$FILE: Transfer Menu

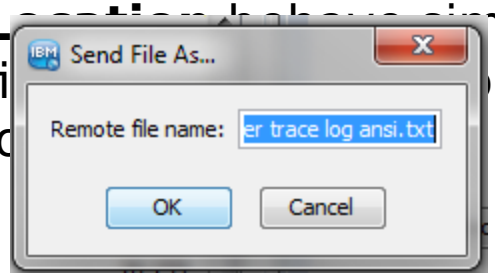
Again, the RWeb12 IND$FILE **Transfer** Menu is consistent with the RWeb12 FTP Transfer menu. Most of these selections simply provide users with additional ways to perform functions that can alternately be done with the icons. (For example, instead of selecting **Send File,** the icon could have been selected.)



After selecting a file or set of files in the local files pane, select **Send File** to transfer the file(s) to host.

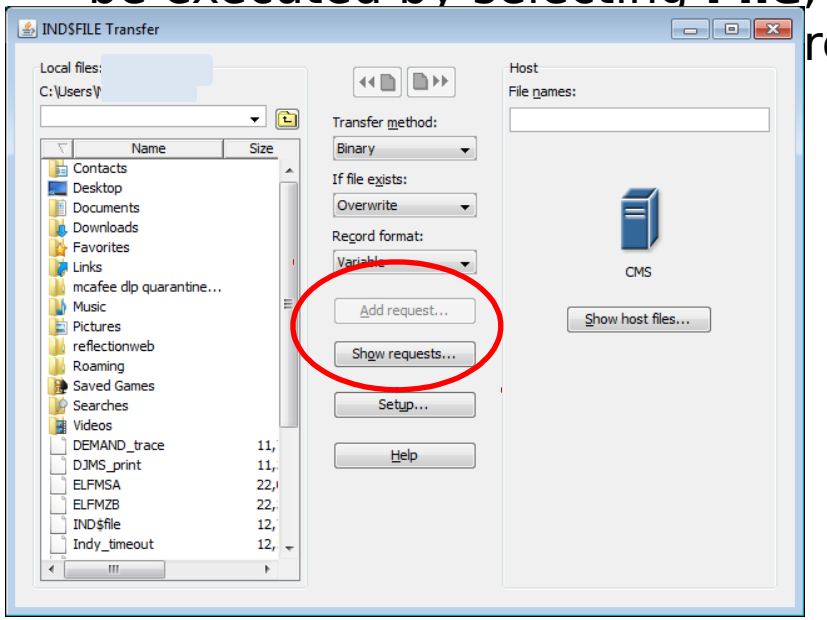
To instead specify the host file name, select **Send File as** and the prompt below will display allowing you to type in the new host file name.

Receive File and **Receive To L** behave similarly for fi n the lo



IND$FILE: Transfer Requests

Transfer Requests for IND$FILE are not new in RWeb12. The process has been modified to be consistent with RWeb12 FTP. Transfer requests were added and executed previously using the Add Requests and Show Requests buttons in the center of the screen. In RWeb12 Transfer requests are added by selecting **File**, then **Add Transfer Request** or clicking on the Add transfer request icon. Transfer requests are displayed to be executed by selecting **File**, the requ



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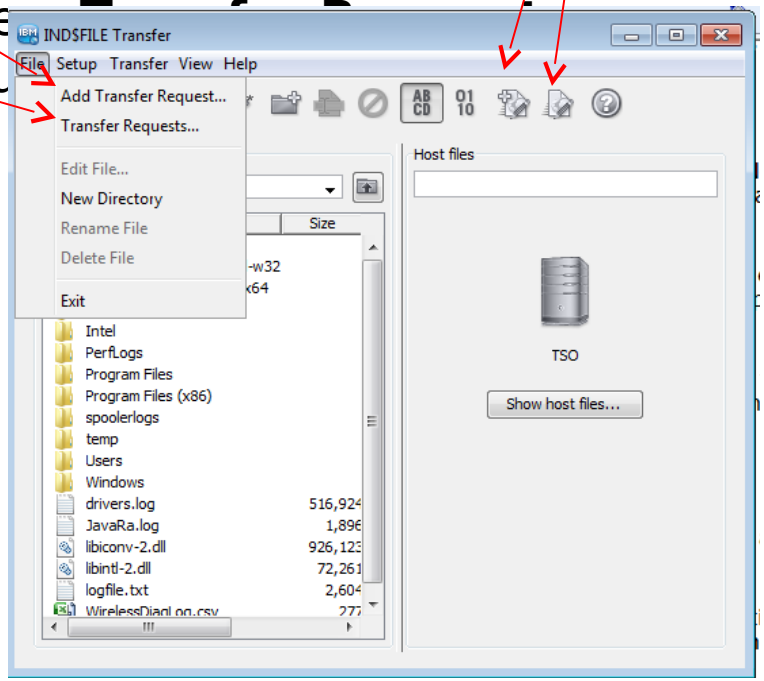

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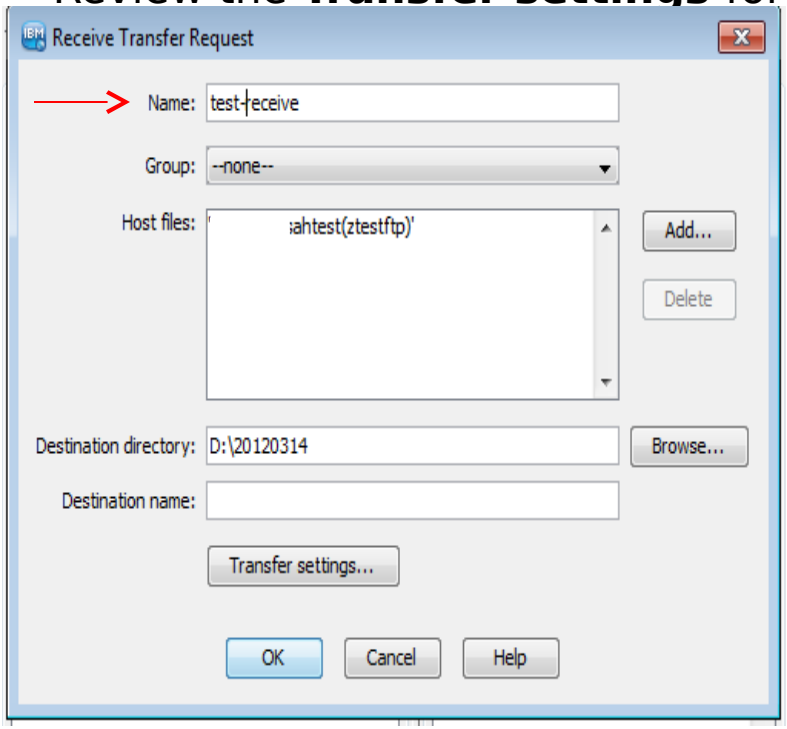
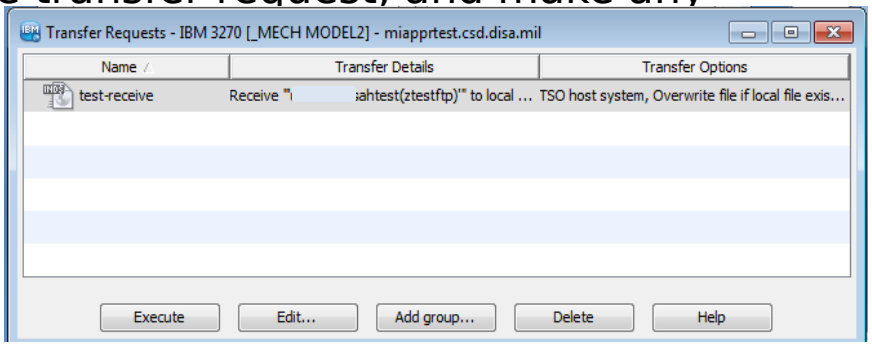
IND$FILE: Transfer Requests

To add a transfer request, same as previously, navigate in the local directory and the host directory to the desired file locations. Select the file(s) to be transferred. Select **File**, then **Add Transfer Request**
A **Receive Transfer Request** screen (shown below) or a **Send Request** screen will popup depending on whether the file(s) you selected to transfer were in the in the Local files pane or the Host files pane**.**
Specify a **Name** for the file transfer request.
Review the **Transfer settings** for the transfer request, and make any



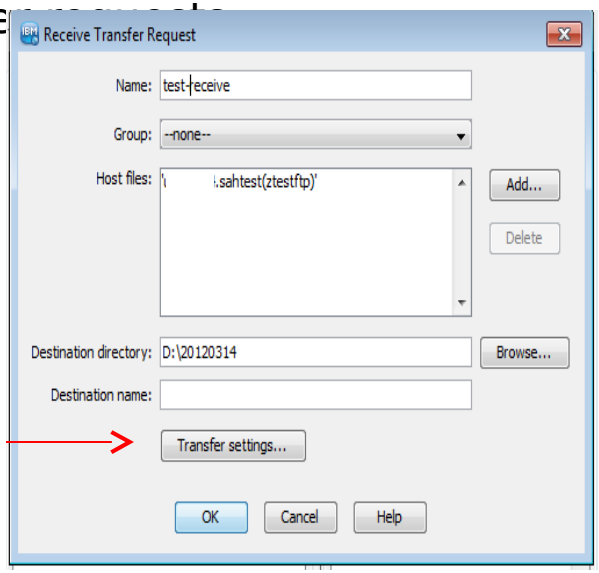


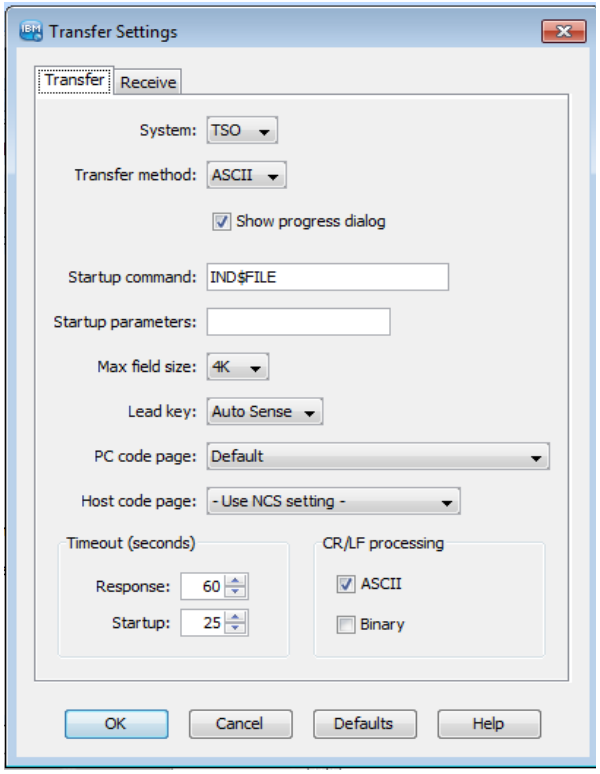
A transfer request with that name will be added and will automatically be displayed on the **Transfer Requests** screen.

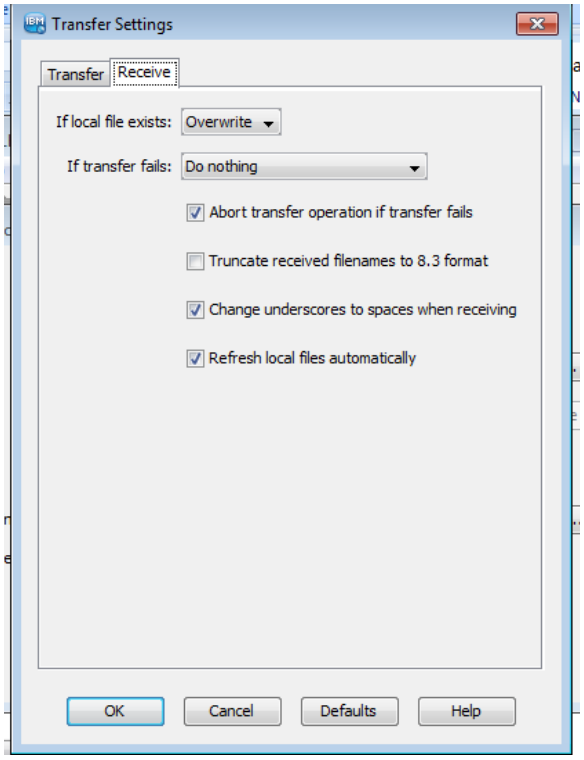
IND$FILE: Transfer Requests

When adding a file request in addition to the **Name**, additional Transfer settings can now be specified, similar to FTP transfe

For transfers from the host to the local machine, on the **Receive Transfer Request** screen, click on **Transfer settings** button.



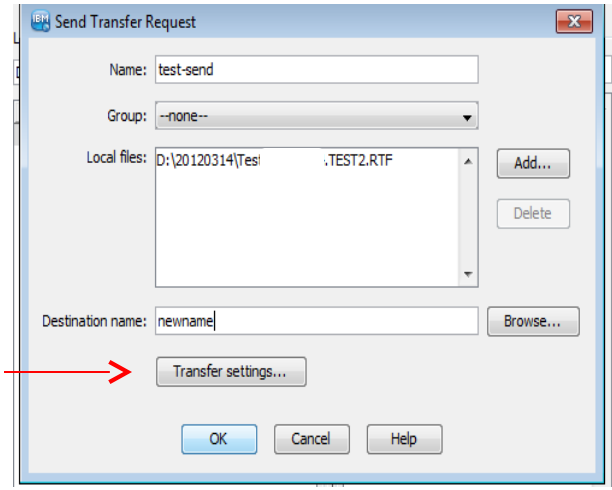


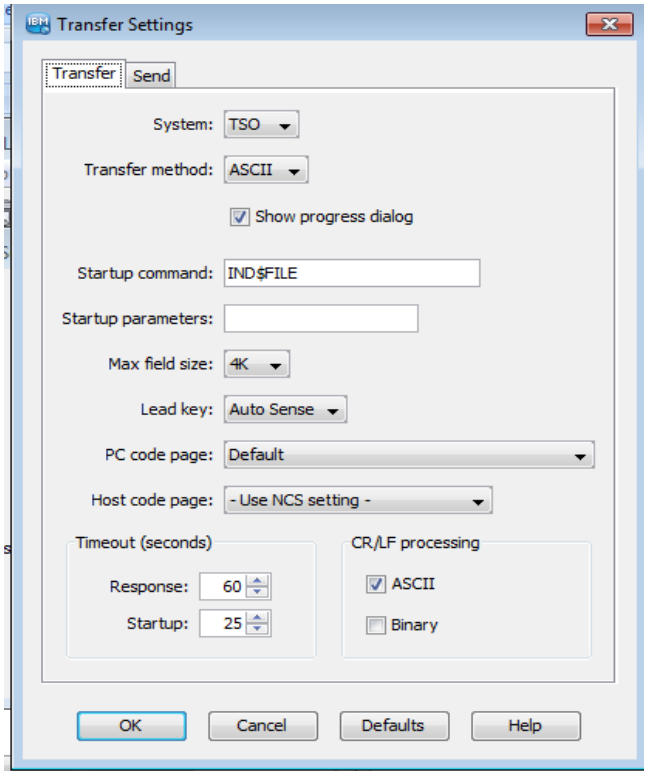


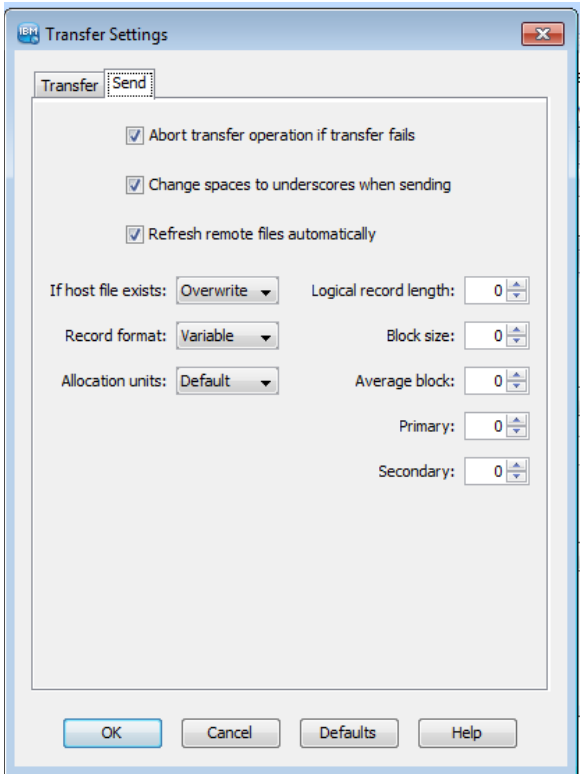
The **Transfer Settings** screen will popup with **Transfer** and **Receive** tabs. These tabs contain the same settings that were described earlier for IND$FILE transfers. They now can be specified when creating saved IND$FILE Transfer

IND$FILE: Transfer Requests

Similar settings can be specified when transferring from the local machine to the host, on the **Send Transfer Request** screen, click on **Transfer settings** button.







The **Transfer Settings** screen will popup with **Transfer** and **Send** tabs. These tabs contain the same settings that were described earlier for IND$FILE transfers. They now can be specified when

IND$FILE: Transfer Requests

To execute a saved transfer request, select **File** then **Transfer Requests** or click on the show transfer requests icon for the **Transfer Requests** screen to display. The functionality of the screen is the same in RWeb12 as it was previously, but some of the buttons locations and headings have changed. After selecting a transfer request (highlighting it), you can click on the **Execute** button to perform the transfer or select the **Edit** or **Delete** buttons to edit or delete the transfer request. **Add grou** more

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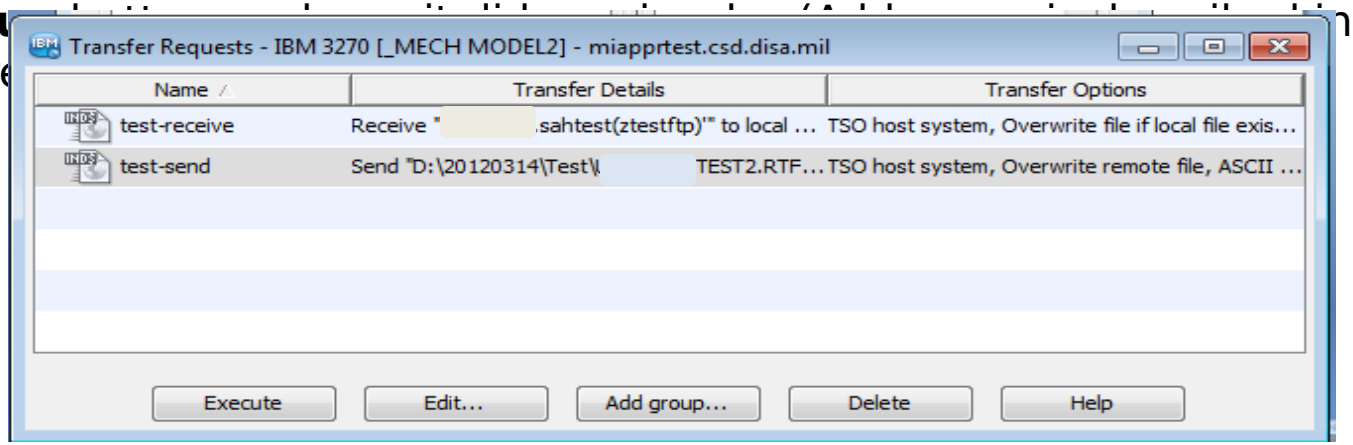
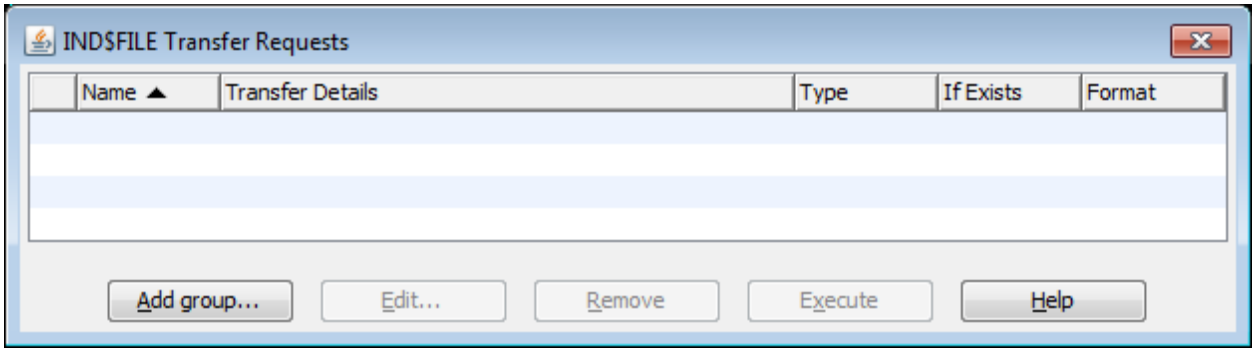


10.2



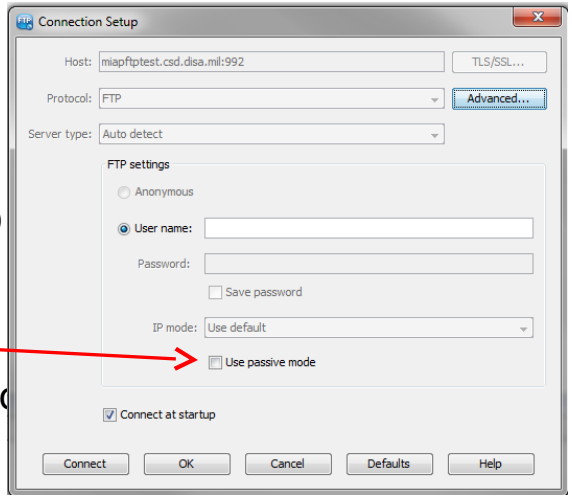
okc vt320 …. cpftp sessions

- When you receive the error:"550 LIST file status error file*file. "File not found or deleted by another run".", the host disconnects you from the host. MIAP still shows you as connected.

  550 LIST file status error File*File. *File not found or deleted by another run".

  - You can check your status; on the command line enter "rstatus". 'Command failed' result confirms you've been disconnected.
  - If you get the error, disconnect and reconnect.

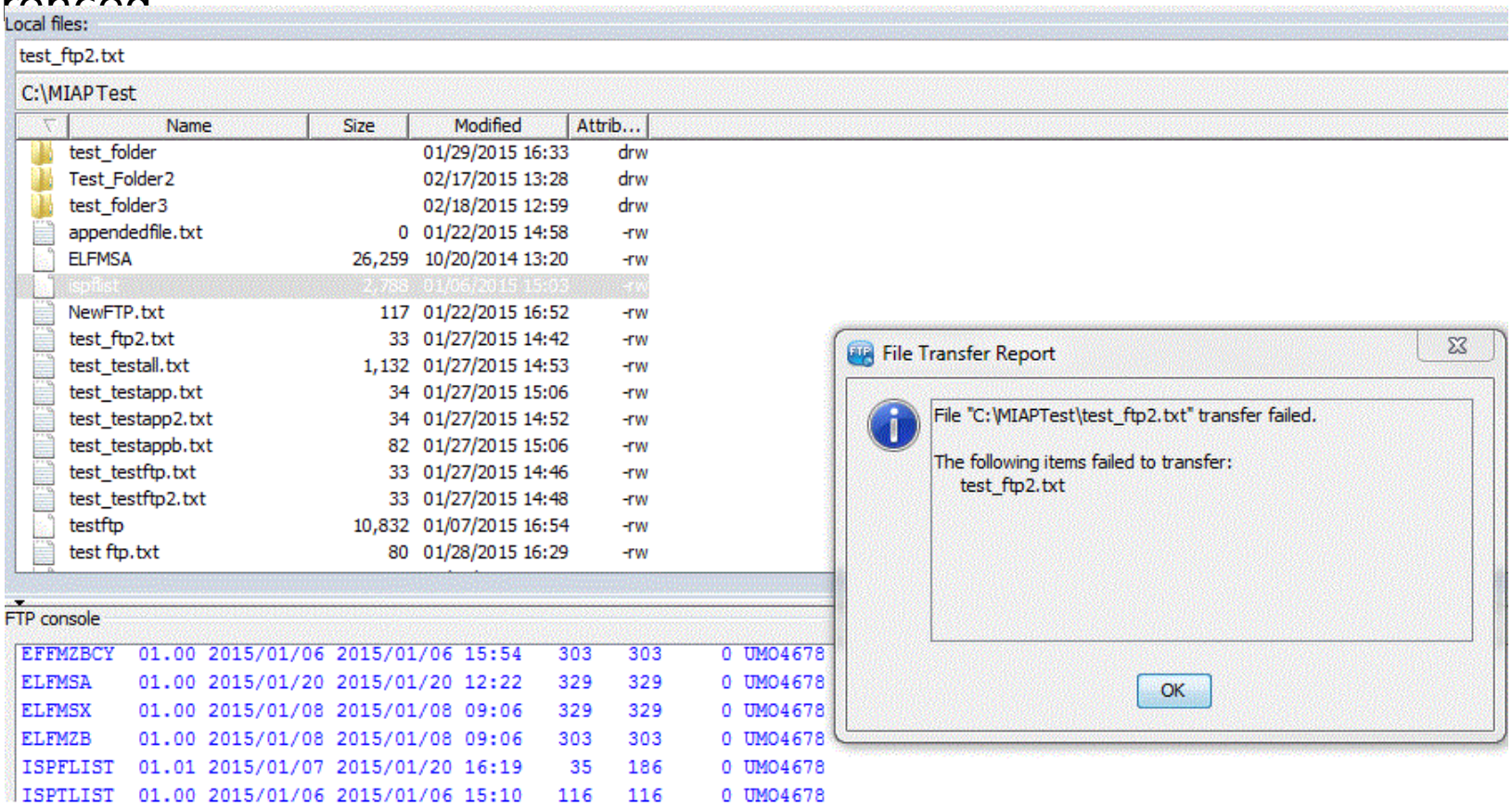
- Set "Passive Mode" as a possible work around to
  from disconnecting
  - Under Connection / Connection Setup select "Use passive
  - The 550 list error may still occur but the transfer should c
  - Check the Host files after the transfer completes to verify.



- Please try the following as a work around for 550 file not found error.
  - Prior to sending the file to the host, if the file does not already exist on the host, issue a catalog command on the host for that file.
  - If you can't catalog the file first, you will need to use a command line:
    - PUT C:\DIRNAME\FILENAME.TXT QUALIFIER*FILENAME.ELEMENT
  - Send the file.

FTP Send Error

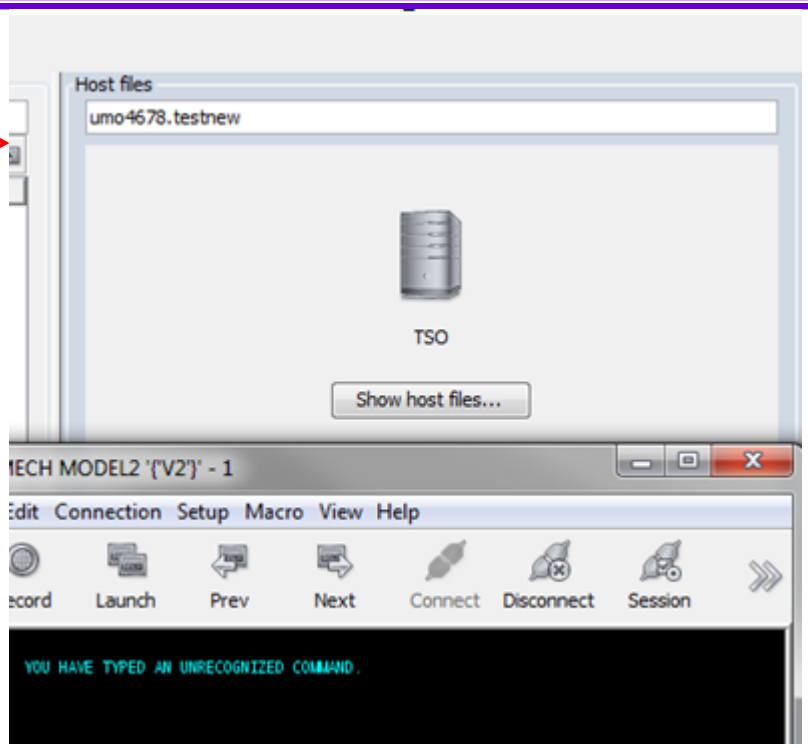
If an error occurs sending a file to the host, the name of the file may be saved in cache. When you go to do the next send, that name may be still referenced.

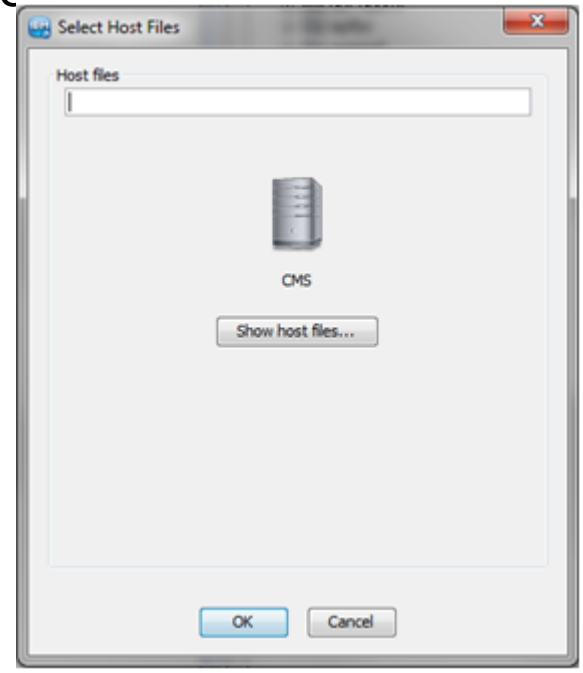


Solution: Select a local file name and hit “ctrl” and click on that file name. This will clear the cache.

IND$FILE Show Host

If the “Show host files…” button appears on your Host files panel after attempting a transfer, check your host session. You may be disconnected or an error may have occurred. If selecting “Show Host files…” button does not refresh you Host files panel, you will need to close the session and start again.



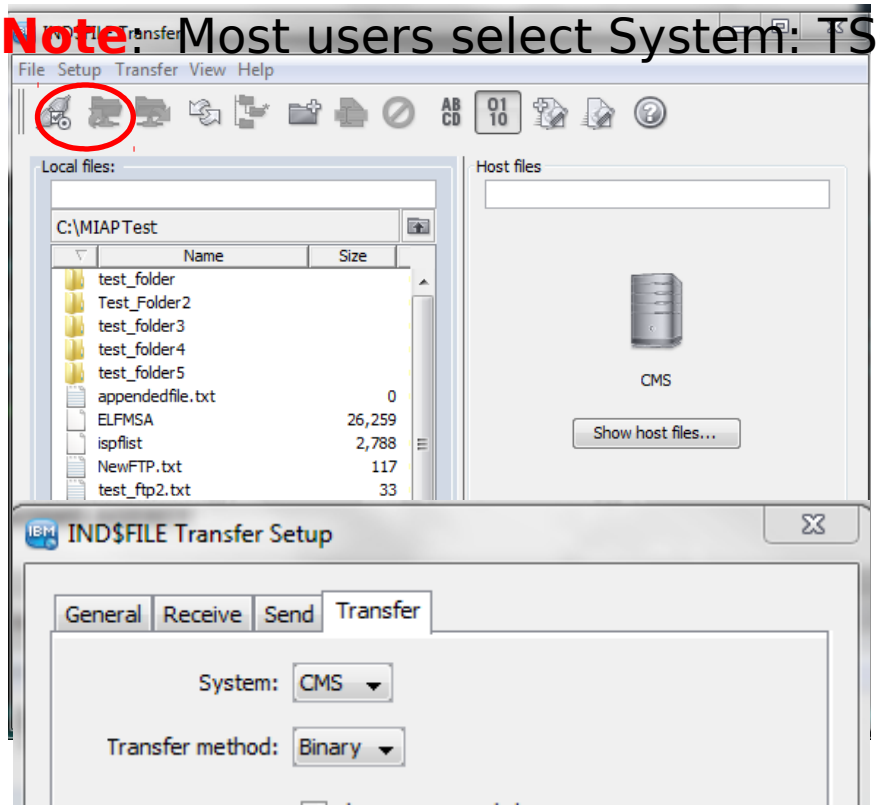


When creating a Send Transfer Request, on browsing to select a Host Destination name, the Select Host Files displays an incorrect image. Clicking the “Show Host files…” button works correctly.

IND$FILE Set Up

The default IND$FILE screen is shown below. CMS shows by default. Binary is the default "Transfer method". Use the IND$FILE Transfer Setup /Transfer tab to configure your preferences. Select the your preference from the drop downs and select "OK".

Note: Most users select System: TSO and Transfer method: ASCII.



Default Setup